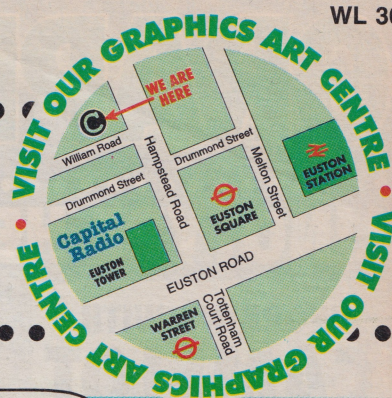


# Camelot



## MINICAD 5.0

Automating the process of drafting, quantifying processes and materials, MiniCad has become the No1 choice of drafting professionals and architects worldwide. Combine MiniCad with StrataVision 3D to get the best of precision drafting and real world graphic rendering. At Camelot we have access to all the top MiniCad users and trainers, so call Bob McLuskey for complete systems, licence advice or just training or configuring if you're an existing user.



- 1 From Original Site View
- 2 Designed and modelled in Minicad 5.0
- 3 To Final Wire Frame 2D & 3D Design
- 4 To Final Rendered Model

**£399.00**

## STRATA STUDIO Pro

StrataVision 3D puts the tools used by award winning designers in your hands...add stunning 3D effects to your publications, logos, package designs.... StrataVision's familiar Desktop tools give you the flexibility to model images imported from FreeHand, PhotoShop, Illustrator or MiniCad, directly from within the program itself. Within minutes, you can apply lighting, textures and extrusions to achieve just the dramatic effects you need.



*"Every Macintosh designer should have StrataVision 3D in their of graphic design tools"*

**£599.00 ONLY**

## MiniCad

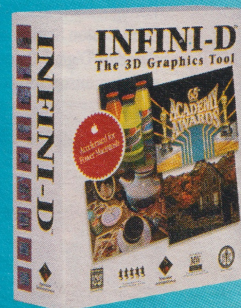
Software for Today's CAD Professional

Accelerated for Power Macintosh

**STRATA STUDIO Pro**  
SPECIAL **£599** LIMITED OFFER

**3d**  
SPECIAL **£299** LIMITED OFFER

## 3D GRAPHICS



## INFINI-D

No1 3D package for the creative, Infini-D combines an intuitive interface with all the tools you need to draw, model, render then animate. Easy to use, Quick to Learn and complete with all the tools you need. Infini-D differentiates itself from Sketch and Strata 3D.



1992 & 1993 Best 3D Program

**£349.00**

**SPECIAL STAR BUY**



## SKETCH

Heavyweight real-life modeller that's the No1 choice for graphics professionals with the time to learn this sophisticated NURBS-based modeller. Real world textures, better rendering, more precise lighting and the ultimate in photo-real visualisation Sketch is hard to beat.



**£339.00**

**SPECIAL STAR BUY**

### WHAT THE CRITICS SAY.....

*"With StudioPro I can create images that are often mistaken for photographs..."* Chuck Carter - Freelance National Geographic

*"...the most complete all in-one package... StudioPro... terrific balance of powerful modelling, rendering and animation features"* Macworld Editors Choice 1993, 1994.

*"...with its direct import of MiniCad files, and its power rendering, StudioPro, is the obvious choice for all MiniCad users"* Bill Allen - UK Product Manager MiniCad

**STRATA VIRTUAL 3d**

SPECIAL **£149** LIMITED OFFER



# GRAPHICS SUPERSTORE

## LINOTYPE-HELL SIGNS WITH CAMELOT

*Open*  
August 95

### WORKING WITH CAMELOT WE PROMISE...

**TO OFFER** you the best advice on Graphics products in London.

**TO WORK** with our manufacturers to provide the best, most accurate and current product information to our customers.

**TO SUPPLY** all popular graphic products for immediate pick-up or delivery from our Central London SuperStore.

**TO DEMONSTRATE** in our Central London Technical Centre - all Digital Colour peripherals and enabling technologies.

**TO OFFER** London and Home Counties customers the full range of installation services... covering the range of Computer installation, network structured wiring, Server configuration - telephony installation and interlinking with computer networks. Installation of Printing and Copying systems. Installation and configuration of air conditioning and environmental control systems for graphics computer installations

**"I'm Ruth your friendly voice on the end of the telephone.... call me 7 days a week ... or meet the real guys and girls when you come to visit our London Graphics SuperStore ....and our team dedicated to help you get the best from our full range graphics computers software and peripherals"**

### EVEN MORE GRAPHIC PRODUCTS TO CHOOSE FROM .....

**C**ontinuing to develop the range of products... August sees the opening of our new London Euston Graphics Superstore. With the signing of Linotype-Hell, Camelot becomes Linotype-Hell's sole business partner for London and Home Counties... this will help us compliment our strengths in Digital photography, scanning and Imaging... with the Topaz scanner and Mark Imagesetters.

Camelot Mail Order offers its unique London Configuration and Collection Point - just yards from Euston Station and Tottenham Court Road. Camelot Digital Colour centres its key support and demonstration resource in Camelot London

Euston building - "This enables us to provide Central London support and demo facilities for our key vendors like Linotype-Hell" says Camelot Digital Colour's Ian Buckle. Come and visit us from 1st August 1995.



500 yards from London's Euston station and Tottenham Court Road, Camelot's London Superstore is London's largest warehouse of Macintosh Graphics equipment, with Camelot's £500,000 Technical Centre - FREE PARKING

### HOW TO REACH US TO GET RAPID DESPATCH AND SERVICE

#### HOW TO ORDER

To place your order, Call 0171 383 2727. Tell us what you want over the telephone, we'll confirm availability and organise payment with you. We hold large stocks in Central London for collection or delivery

#### SAME DAY DELIVERY

SameDay delivery to all London Postals and Home Counties by Courier - is charged at Cost. OverNight Delivery £5.50 for all software. FREE OverNight Delivery on supplies, consumables and cable orders over £150. Engineer delivery and installation of systems available nationwide - Sameday in London.

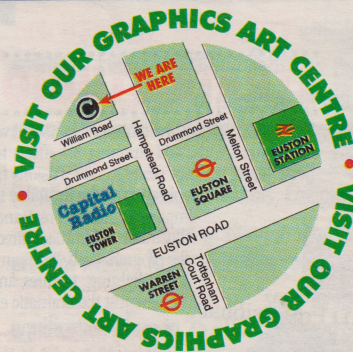
#### CENTRAL LONDON PICK UP POINT

Pick up anything you want from our Central London Superstore, where we stock almost everything there is to buy for Macintosh and Graphics computing. Come in and browse the latest catalogues and buyers guides before you buy.

#### DEMOS & QUOTES

We demonstrate prior to purchase, most of the more complex and sophisticated products from our key manufacturers - to discuss your requirements or to receive a written quote, call one of our Digital Colour specialists on

0171  
383 2727



#### OUR PROMISE - YOUR CAMELOT GUARANTEE

We guarantee all the products we sell for a minimum of 120 days. All software and hardware is guaranteed against physical material defect - should any defect occur, all you do is send the product back to us, complete with its packaging - we will either replace defective media, repair the item, or replace the product at our discretion. We support all of our manufacturer's guarantees, as well as all our own.



### Dear Graphics Customer

Whether you are receiving your Camelot Catalogue for the first time or you have become a regular reader - our new GREEN LABEL feature highlights some of the new products and the best and most interesting deals our Buying teams have managed to find. Page numbers refer to the full 36page version of the catalogue - if you are currently only receiving 12pp call the catalogue line on 0171 383 2727 to get the full version FREE.

### GREEN LABEL DEALS

#### DEAL 1

FROM ONLY **£799.00**



#### SPECIAL NEW LOW PRICES ON POWERBOOK DUO SYSTEMS

Easily the best choice for computing on the move - our new Duo Special Offers give you the chance of getting superior Duo portables at less than the price of the equivalent PowerBook

#### DEAL 2

FROM ONLY **£129.00**

#### VECTOR EFFECTS New from KAI

Kai's next graphics Blockbuster hits the streets on July 4 - Camelot Catalogue reviews all the best Plug-ins - SPECIAL BUNDLE DEALS

#### DEAL 3

FROM ONLY **£79.00**

#### MAPS & STOCK PHOTOS

London's largest stock of Royalty FREE Stock Photography, Maps, Digital Art and over 10,000 fonts, ready for instant despatch.

#### DEAL 4

ONLY **£203.00** PER MONTH

#### APPLE COLOUR Laser 12/600PS

At last a Colour Laser printer to rival the Canon Laser - Apple's Color PhotoGrade gives true continuous tone and 16.9 million colours.

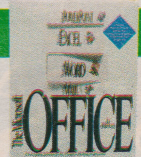
**SPECIAL FINANCING DEALS AVAILABLE**

#### DEAL 5

FROM ONLY **£299.00**

#### MICROSOFT DEALS

Save over £70 and get a FREE copy of Microsoft Works... the latest summer Special Offers on Microsoft and many other top Graphics vendors





# Linotype-Hell TOPAZ

## TOPAZ TECHNOLOGY OVERVIEW

In a world where every manufacturer claims to have unique technologies - where new acronyms seem to arrive to confuse the customer - what's nice about TOPAZ technology is that it is really no more than a simple desktop scanner - combining Mac simplicity with the very best of 20 years of Linotype, Hell and Kodak technology.

### SO HOW DOES TOPAZ ACHIEVE ITS QUALITY EDGE?

**KODAK CCD:** As world leader in advanced CCD technology, Kodak has entered a strategic partnership with Linotype-Hell to produce 3 CCD arrays of 6000 elements each - one for each of Red, Green and Blue. Compare this to Agfa SelectScan, where two arrays work with rotating colour filters.

**VARIABLES:** Because Linotype-Hell has designed its unique lensing system - combined with precise lead screw positioning of both lense and CCD array positioning - resolution control and the full use of the arrays are ensured at almost all resolutions. This means that 35mm transparencies can be scanned at 8500dpi and can be mounted along the entire central 46.5cm of the mounting tray - giving you a throughput of 20, 35mm transparencies at maximum resolution.

### BATCH SCANNING - JUST HOW YOU WANT IT

Because TOPAZ uses two independent light sources for reflective and transparent originals and because using the pre-scan to set up a batch process, the operator can specify individual scanning parameters for each original on the Mounting Tray - even mixing transparencies with flat art, mono with colour. This enables you to set up batches that reflects the work flow coming into your organisation.

### CIE COLORSPACE CONTROL

TOPAZ is the only scanner that currently scans into truly device-independent colourspace values - using the international CIE Lab standard that defines the complete spectrum which the human eye can see. Because TOPAZ scans directly into, and is controlled by LinoColor 3 software, running in Linotype-Hell's MacCTU colour computer -

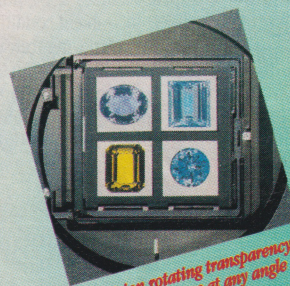
colour correction and image control can be done during the scanning process, without the need for expert scanner operator intervention.

### PRODUCTIVITY & USEABILITY - THE FORGOTTEN VIRTUES

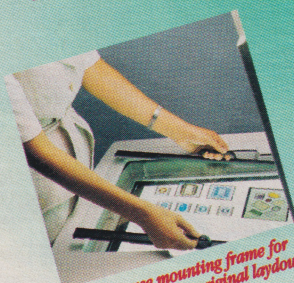
Making money at graphic arts is about getting more through for less money - turning less work away and making sure you get the quality, no matter what the original. Agfa's Horizon - long the choice of high productivity newspaper and mixed repro sites, started the trend towards the scanner that can handle everything - every type of tranny - flat art whatever it's on - what Linotype-Hell TOPAZ has done is to take all this a stage further by combining the batch-scanning productivity with a quality of technology that puts paid to the need for drum scanners for true high quality work - and imagine if you can get true drum quality from a flatbed - you've got all the advantages of flatbeds for mono, line, prints and scanning and de-screening of previously printed originals. Batch-scanning with a TOPAZ leads to the ultimate efficiency - all you do is mount all the originals - transparent or reflective - on the same mounting frame - prescan them on the colour computer - use the artificial intelligence to specify correction factors - specify output sizes and screening - and once completed, TOPAZ will scan all the originals - leaving you entirely free to mount the next set of originals onto the next mounting frame. 50/60 originals an hour.

With all its sophistication, TOPAZ is truly an office device - low power consumption no noise and instant standby. You've got the very best of scanners ready to use whenever you are without the need for special environments special power supply and no rotating drums to worry about.

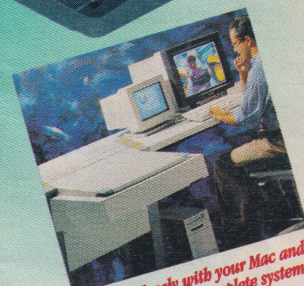
When it comes to using it, you'll get stunning results - no 5 year drum-scanning apprenticeship needed - obviously if you're an experienced designer - long in Quark PhotoShop or LivePicture - you'll get even more out of the optional controls - the main point is that TOPAZ gets good results - no need to rehire experts, just give your existing people the tools, which will make them feel good about producing the best work, fast.



Precision rotating transparency holder for scans at any angle



Easy to use mounting frame for accurate precision original laydown



Working closely with your Mac and LinoColor - your complete system

# T O P A Z

## HOW TO BUY THE SCANS YOU NEED

If good quality print is your end result, then good quality scans are essential. Colour correcting, scaling and screening during the scanning process, cuts out Photoshop work - and allows corrections to be made at 16 bit colour depth per pixel as opposed to 8bit depth per pixel in a Photoshop workstation.

**“It easily brings high-quality colour scanning and imageset-up into the hands of non-professional colour worker”**

Seybold Report on Publishing Systems - October 1994

## BUYING A SCANNER OR BUYING SCANS IN FROM OUTSIDE - CONSIDER THE ARGUMENTS

If it costs £10 to get a good drum scan onto a Syquest - that's only half the battle - you've got to get that scan into your page - colour-corrected, scaled and consistent with all the other scans in your publication. If it costs you £20 per productive hour to employ someone - then it will take you 10 minutes to copy your high resolution Syquest file onto your workstation and open it in Photoshop - another 30 minutes to cut it out, correct the image and another 5 minutes to save it - £15 plus the £10 scan = £25 cost to date.

Scan that same image into your Linotype CTU Colour computer directly from TOPAZ and in 5 minutes work, you file is ready scaled, colour corrected and in 10 minutes start to finish you have a completed cut-out, corrected file to your exact specification - labour cost £3.50.

So what does owning the scanner cost? Assume for a moment that you need a colour computer anyway - TOPAZ costs from £750 per month over 5 years - 21 days a month, operating 8 hours - your cost will average £5 per hour. If you plan to handle more than one an hour you'll be over 100% better off with a TOPAZ In House.

## THE SCANNER THAT TURNS NO WORK

## AWAY

- FlatBed scanner - trilinear colour CCD array - 3x6000 pixels
- Software: LinoColor 3 software - running on MacCTU
- Originals: 305x457mm reflective; 210x457mm transparent
- Thickness of originals: 20mm maximum
- Scaling: 20%-2000%
- Scaling calculation: Stepless with Autoscaling in scanner
- Optical Res.: 3800 dpi 1.49% dpcm max.
- Interpolated Resolution: 8150 dpi 3209 dpcm max.
- Density Range: 3.7D measured on film output greyscale
- Resolvable Density: 4.0D measured on film output greyscale
- Signal Res: 16bit per pixel per colour - 48bit per pixel
- Autosharpening hardware in scanner; plus sharpening filters for LinoColor 3.0 running in MacCTU
- Universal Mounting Tray 305 x 457mm for reflective/originals
- Rotary tray for cassette 130x130mm
- Optional 130x130mm glass cassette



£795

ONLY

PER MONTH

CALL 0171 383 2727 FOR ALL THE BEST SCANNER ADVICE



# Linotype-Hell

# IMAGESETTERS

## THE MARK 10

### THE ULTIMATE ENTRY LEVEL IMAGESETTER

- Infrared Laser Diode - emission wavelength 780nm
- 133 line screen lpi
- Precision rotating polygon mirror imaging laser to film
- Repeat accuracy  $\pm 50\mu\text{m}$  - 4 successive pages of 30 x 30cm - subject to ambient conditions
- Continuous moving transport of film material
- Material width 310mm
- Imaging width 305mm 72pica
- Imaging length - dependent upon program - ie Quark Illustrator FreeHand PageMaker
- Resolution pixels/cm 236 315 394 472 630 787 945
- Resolution Dots/inch 600 800 1000 1200 1600 2000 2400
- Max speed cm/min 22.1 16.5 13.2 11.2 8.4 6.6 5.6
- Photographic Material - Infrared-sensitive film, RC Paper. 0.1-0.18mm thick
- Feed cassette capacity - 30m film approx
- Collecting cassette capacity - 10m approx dependent on film thickness

## MARK 20EX

### THE ENTRY LEVEL WIDE OUTPUT IMAGESETTER

- Infrared Laser diode - emission wavelength 780nm
- 150 line screen lpi
- Precision rotating polygon mirror imaging laser to film
- Repeat accuracy  $\pm 37.5\mu\text{m}$  - 4 successive pages of 40x40cm - subject to ambient conditions
- Continuous moving transport of film material
- Material width 400mm
- Imaging width 395mm 94pica
- Imaging length - dependent upon program - ie Quark Illustrator FreeHand PageMaker
- Resolution pixels/cm 236 315 394 472 630 787 945
- Resolution Dots/inch 600 800 1000 1200 1600 2000 2400
- Max speed cm/min 43.9 33.0 26.4 22.1 16.5 13.2 10.9
- Photographic Material - Infrared-sensitive film, RC Paper. 0.1-0.18mm thick
- Feed cassette capacity - 30m film approx
- Collecting cassette capacity - 10m approx dependent on film thickness

## MARK 40EX

### THE ADVANCED PRECISION IMAGESETTER

- Infrared Laser diode - emission wavelength 780nm
- 175 line screen lpi
- Precision rotating polygon mirror imaging laser to film
- Repeat accuracy  $\pm 25\mu\text{m}$  - 4 successive pages of 40x40cm - subject to ambient conditions
- Continuous moving transport of film material
- Material width 400mm
- Imaging width 395mm 94pica
- Imaging length - dependent upon program - ie Quark Illustrator FreeHand PageMaker
- Resolution pixels/cm 315 394 472 630 787 945 1180
- Resolution Dots/inch 800 1000 1200 1600 2000 2400 3000
- Max speed cm/min 63.0 40.4 37.3 31.5 20.1 14.0 8.9
- Photographic Material - Infrared-sensitive film, RC Paper. 0.1-0.18mm thick
- Feed cassette capacity - 30m film approx
- Collecting cassette capacity - 10m approx dependent on film thickness

Specifications are subject to change although they are believed to be correct at press date, they are provided as information only and do not form part of any offer or contract.

All Leasing figures quoted are example figures only - each Leasing company will provide individual quotations for each case - examples based 20% Deposit - 5yrs Quarterly pmt.



## WHAT TYPE OF LEASE OR BORROWING MAKES SENSE?

**LEASE RENTAL** - where you never own the equipment - the leasing company uses the capital allowances - makes sense if you're not making profits and just want the cheapest funding.

**LEASE PURCHASE** - a bit like a house mortgage, when you've paid the last payment the equipment is yours - use the capital allowances to defray tax liabilities.

Remember that leasing fixes your monthly costs whatever happens to interest rates - new leasing options are being developed to maximise your funding options.

**BALLOON LEASES** - typically a Lease Purchase which reflects that the capital equipment that you're investing in will have resale value at the end of the lease period. Take out a 3 year lease on £20,000 worth of equipment - calculate a residual value after 3 years of £6,000 - and you'll reduce your monthly payments from approximately £800 to £580.

**OPERATING LEASES** - where all the costs of repair and servicing are fixed and built into the lease - so whatever happens, you're guaranteed a fixed payment pattern.

**HIRE PURCHASE** - if you don't want to borrow over 3 or 5 years - just want to cushion the cash flow - then splitting the cost by making four equal payments over a year may make sense.

**EXTENDABLE LEASES** - add or upgrade your system over the lease period.

**RENTAL** - the try before you buy option.

## novaRIP

### THE POSTSCRIPT RIP FOR LINOTRONIC MARK10 MARK20EX MARK40EX

- Raster Image Processor
- PostScript Level II compatible Software RIP
- Minimum spec: PowerMac 7100 8100 32Mb RAM 500Mb HD
- Recommended spec: PowerMac 8100 72Mb RAM 1000Mb HD
- Interfaces - Serial
- Interface Spec. 1200.IS; Macintosh NuBus™ Interface
- LocalTalk and EtherNet via PowerMac



## Vulcan™ RIP

### THE POSTSCRIPT RIP FOR LINOTRONIC 200/300/500 SERIES

- Raster Image Processor
- Embedded Scalar RISC technology, NuBus™ plug-in board
- Intel i960 CA RISC processor 33MHz 16Mb TurboPix™ screening ASIC
- Minimum spec: PowerMac 7100 8100 4Mb RAM 80Mb HD
- Drive required • 500Mb External
- Interfaces: LocalTalk and EtherNet via PowerMac

## HOW TO USE YOUR MATERIAL PURCHASES TO FUND THE EQUIPMENT YOU NEED

Now the recession is ending, business is picking up - you need new equipment. Use your film, plate or chemical buying power to fund the equipment you need.

All you do is commit your film buying to our chosen film supplier - who pays us the money to fund the initial payment on a 3 year or 5 year lease. Your first move is to contact our Sales Director - Graham

Thompson on 0171-383-3434, who'll need to know how much film, plates or chemicals you're buying. Graham will help you negotiate a good deal, tell you how much deposit you'll get for a sensible level of commitment. We'll then send in the relevant supply company to discuss terms, delivery and we'll help you fit the resulting finance to the equipment you need.



CALL CAMELOT ON 0171 383 2727



# LINOTRONIC 560

## WIDE FORMAT FOR THE WIDEST APPLICATIONS

**£1,495**  
ONLY  
**PER MONTH**

- Precision Helium-neon Laser - emission 633µm
- Spot size 30µm giving good 4-colour quality to 200 line screen
- Precision rotating polygon mirror imaging laser to film.
- Repeat accuracy ±25µm - 4 successive pages of 45x45cm - subject to ambient conditions
- Continuous transport of film material
- Material widths (mm) 250 280 310 430 460 510
- Imaging width 457.5mm 108pica
- Imaging length - dependent upon program - ie Quark Illustrator FreeHand PageMaker
- Resolution pixels/cm 167 250 333 400 500 666 800 1000 3387
- Resolution Dots/inch 423 635 847 1016 1270 1693 2032 2540 3387
- Max speed cm/min 120.4 106.8 60.2 41.8 53.4 30.1 21.0 13.2 7.5
- Photographic Material - Red-sensitive film, RC Paper. 0.1- 0.18mm thick
- Feed cassette capacity - 60m for 0.1mm - 30m for 0.18mm thick material
- Collecting cassette capacity - Approx 30m dependent on film thickness

# WIDE OUTPUT



**“ We selected Linotype Mark 20ex over the Agfa Accuset ... saving nearly £10,000 ... we get perfect 150 line film from our Mark 20ex ... we're delighted ”**  
**ELY & CROUCH - DESIGNERS LONDON W1**

### WHAT OWNING AN IMAGESETTER MEANS

Today's imagesetter is no more difficult to own or use than any other printer, provided you buy the right RIP for your type of file - you match this with the right imaging engine technology, and the production rationale, that enables you to get enough pages out per hour. Our Camelot Help Desk on 0171-419-2727 can fax you details of all the RIP and imaging engines we support - if you need advice, then call Graham Thompson or any of his imagesetter specialists, either to arrange a site survey, a recommendation report on your own particular imagesetter application - or to talk through the options and budget numbers on the phone.

### WHY OWNING AN IMAGESETTER MAKES SENSE

We've been installing imagesetters now for 8 years and we've seen the changes - RIPs that used to take over an hour on complex high res colour files - now zip through pages - and whilst we used to recommend users to avoid the pain of RIPping - it's all change - the advent of PowerMac Raster Image acceleration techniques means that imaging to film is becoming no more difficult than printing a complex file to a laser printer..... and you wouldn't go out of house for a laser print. If you're doing more than 40 pages of film per month, then you'll save lots by having your imagesetting in house and the benefit of controlling your own output, avoiding bike costs and conflicts with other bureau users - after all, if you do it yourself, you see the results instantly - no more waiting and if you've got mistakes, fast minute re-runs aren't a problem.

### TIPS AND TECHNIQUES TO BETTER COLOUR

If you're already a first investor in imaging technology, you'll know the importance of densitometer controls - if you come from the world of DTP or trade typesetting then you'll need to become an

instant expert on density control and colour space values. Turn to the Camelot Scanner catalogue and you'll understand the importance of colour space values - control of input and calibration of the output and printing process. LightSource Colortron, the instant link between output control, output quality and input scanning. LinoColor 3, MacCTU - the only true device independent colour control system, and Topaz, the first truly high-end Desktop scanner. If you understand the concept of "quality in - quality out" and you invest in the right input and output technology then you'll understand the need to control the link between the two. Colortron is a breakthrough technology combining the activities of Colorimeter Densitometer and Spectrophotometer in one package not for £5000 but of a real world sub-£1000. LinoColor 3 and Linotype-Hell's colour Computer MacCTU, control the process of input calibrated to output, right from the start of the process - and with the combination of LightSource Colortron and LinoColor 3 - you'll be amazed at the brilliant colour results you'll get by printing from the entire range of Linotype-Hell imagesetting and RIP engines.

### HOW TO GET THE BEST ADVICE

Funny how when you look like buying, every salesman is your best friend. We're just the same; we want to speak to you when you're spending money - except we don't think you want to speak to a manufacturer-brainwashed salesman; you're better off talking to one of our technical directors who can understand the importance and dilemmas of your investment decisions - when it comes to actually buying, then you'll need a quote from our buying team. When you decide to go ahead, our account management team will become

an integral part of your business until your people are in full control - our involvement can be a little or as much as you specify - you can use us as pure supply source, where we use our buying muscle to simply get you a better price - right through to you employing our best people to run and manage your new installation until your own people are up to speed.

### WHY BUYING FROM A KNOWLEDGEABLE SUPPLY SOURCE MAKES SENSE

Whether you are implementing a known tried and tested concept or making a new technology business decision, it makes sense to work with a team that can complement your own. At Camelot we combine volume buying strengths - with specialist Digital Colour advice and the implementation skills of our Digital Colour production team and our specialist network and cabling team. Because we spend our lives evaluating and implementing technologies and production processes, we can help you gain the maximum from your new investment.

When it comes to funding - we don't act as a bank or a leasing company - but we can make the impossible happen. Because we are constantly aware of rates and the selection criteria of all the different funding sources, we can help match your technology choice to a funding source that best meets the cash flow requirements of your investment project.

### MAKING THE MANUFACTURER PERFORM

All the manufacturers we work for are there to serve you, that's why we select them - you can talk to their advisors, lead off their technical services in the safe knowledge that we're here to make sure they perform. Our strength is that we are the middlemen, we support you by helping you integrate several manufacturers - we act for you.

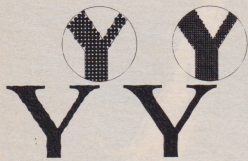
**CALL 0171 383 2727 FOR ALL THE BEST IMAGING ADVICE**





# THE HP TECHNICAL ADVANTAGE

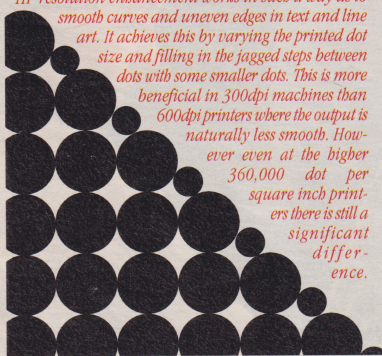
300 DPI V 600DPI



Many people, especially in the graphics arts world, use line art drawings and text other than the standard 10 or 12 point. In such cases, huge improvement in quality can be achieved by 600 dpi output. There is a 4 times jump in resolution quality from 300 to 600 dpi. This because 360,000 dots are addressed every square inch at 600dpi as opposed to only 90,000 at 300. Although this is far less than true typeset quality which starts at about 1200 dpi, it is still a very significant improvement in quality.

## HOW HP RESOLUTION ENHANCEMENT WORKS

HP resolution enhancement works in such a way as to smooth curves and uneven edges in text and line art. It achieves this by varying the printed dot size and filling in the jagged steps between dots with some smaller dots. This is more beneficial in 300dpi machines than 600dpi printers where the output is naturally less smooth. However even at the higher 360,000 dot per square inch printers there is still a significant difference.



# HP DESKJET 850

Quicker output than any inkjet printer we've tested, HP's Deskjet 850 combines Macintosh and PC Centronics interfaces in one printer. With its 150 sheet paper tray and its greater speed, HP's Deskjet 850 suits small workgroups even high throughput offices.

Independent black and colour cartridges ensure crisp blacks and usage of colour is reserved only for colour graphics and text.

Low Cost of operation combined with the flexibility of colour and black output in the same printer make the 850 a guaranteed bestseller



£429

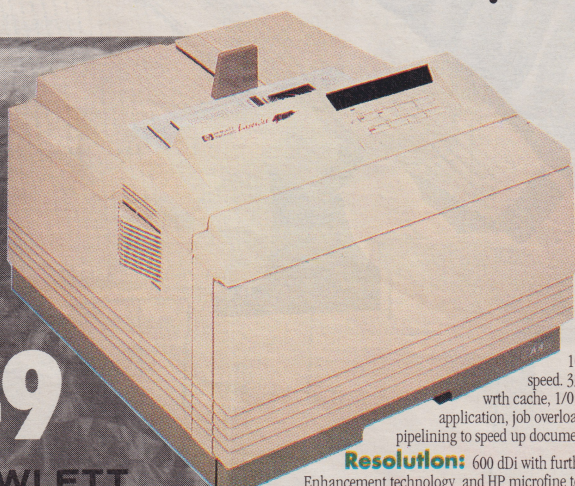
### DESKJET 850 OPTIONS

HP Deskwriter 850 £459.00  
BlackCart 51645A £Call  
ColourCart 51641A £Call  
Interface Cable £10.00

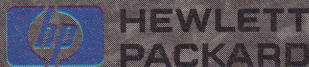
- 600x600 dpi
- Res Enhancement
- 6 Pages Per Minute
- AppleTalk & Centronics
- 1 Year Warranty

# HP LASERJET 4MV

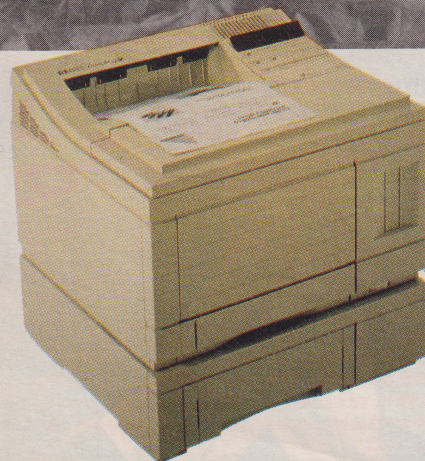
**FULL A3, 600DPI, TWO SOURCE PAPER INPUT, SUPERFAST POSTSCRIPT LEVEL 2 PRINTER FOR JUST £2088! UNBELIEVABLE BUT TRUE!**



£2,049



**MONO And High Resolution PRINTERS**



**LaserJet 4M+**

True 600 dpi resolution A4 output. HP's exclusive Resolution Enhancement technology and HP's micro-fine toner work together to produce true plain paper typesetting. 8 ppm engine RISC based processor gives you fast output even on complex PostScript files. Select paper inputs and adjust Resolution Enhancement direct from your Macintosh's Chooser. Automatically switches ports between PC and Mac or optional Ethernet.

£1,299

### LASERJET 4M+ OPTIONS

Toner (single) £79.00  
4Mb Memory U/G £119  
8Mb Memory U/G £229  
EtherTalk Card £229  
500 Sheet Option £Call  
Powered Envelope £Call

- 600 dpi
- 500 Sheet Option
- Powered Envelope feeder Option
- EtherTalk Option
- 3 Year Warranty
- Full High Resolution Enhancement

**Performance:** Up to 16 pages per minute rated engine speed. 33-MHz 180960 RISC processor with cache, I/O buffering for faster return to the application, job overload resource saving and page pipelining to speed up document processing.

**Resolution:** 600 dpi with further refinement by HP Resolution Enhancement technology and HP microfine toner. Greyscale: 122 levels of grey at 106 lines per inch in PostScript printing.

**Printer Language:** Enhanced HP PCL 5 with HP GL/2 and Adobe PostScript™ level 2 Automagic language switching.

**Font Capability:** 45 scalable typefaces (35 Intellifont™ and 10 TrueType™). Additional 35 Type 1 typefaces from Adobe, and several hundred typefaces storable on the optional HP Disk accessory for PostScript printing.

**Memory:** Comes standard with 12 Mbyte of RAM. Two universal SIMM slots accept 1-, 2-, 4- or 8 Mbyte SIMMs for a maximum of 44 Mbytes. Optional HP Disk Accessory for PostScript printing to permanently store several hundred PostScript fonts along with a substantial disk cache.

### ACCESSORIES & OPTIONAL EXTRAS

2 Mbyte RAM Upgrade: £89, 4 Mbyte RAM Upgrade: £119, 8 Mbyte RAM Upgrade: £229, 16 Mbyte RAM Upgrade: £449, HP Disk Accessory for PostScript printing (only on 4V-not needed on 4MV): £329 250 sheet A4/Letter tray: £99, 250-sheet A3/11 x 17 tray: £99 500-sheet Universal Lower Tray: £299

**PaperTypes and Weights:** Copier, bond, transparency, recycled and label sheets designed for laser printers. Paper cassette-paper 60 to 105g/m2 (16-28 lb). Multi-purpose tray 60 to 105g/m2 (16-28lb) for A4, letter and legal sizes. Multi-purpose tray 60 to 75g/m2 (16-20 lb) for A3, and custom sizes.

### Paper Size & printable area:

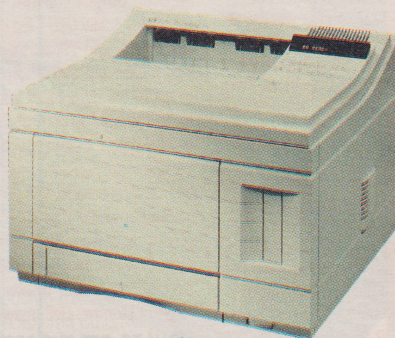
Minimum paper size: 100x148mm  
Maximum paper size: 297x450mm  
Minimum printable area: 92x140mm  
Maximum printable area: 289x442mm

**Interfaces:** Integrated HP JetDirect card for Ethernet/LocalTalk to plug and play to more than 12 network environments.

**Toner Cartridge:** EconoMode—produces draft-quality documents that reduce toner consumption by up to 50%. Average: 8,100 pgs/cartridge at approx. 5% coverage. (Standard quality mode)

**Weight & Dimensions:** 23.2 Kg; Width: 459mm (18.1"); Depth: 522mm (20.6") x Height: 317mm (12.5")

**Warranty** Full 1 year



**LaserJet 5MP**

- 600dpi 6ppm
- 45 Fonts
- Full High Res Enhancement
- Optional PowerLite
- 500 Sheet Feeder
- Upgradable to 6 Mb of RAM!

£749

Fast printing. 12 ppm printer engine and 25 MHz RISC-based processor with cache prints documents fast.

Best print quality with true 600 dpi, Microfine toner and HP's exclusive Resolution Enhancement technology, (RET).

Economic to own and operate through EconoMode draft printing. Power-save mode that conserves energy when the printer's not active, optional duplex printing and Memory Enhancement technology.

Connectivity options for all needs with standard modular I/O and Bi-Tronics parallel and RS-232 serial ports. All ports feature auto-sensing and autoswitching capability.

### LASERJET 5MP OPTIONS

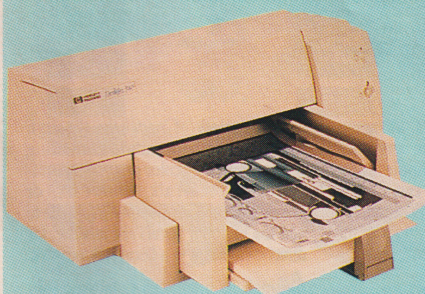
Toner C3903A/EP- £89.00  
4Mb Memory U/G £119  
8Mb Memory U/G £229  
EtherTalk Card £189  
500 Sheet Feeder £Call



CALL CAMELOT ON 0171 383 2727



# HP 540 SERIES



Powered Paper Feed guarantees straight paper feed every sheet - choice of Colour or extra high quality Black output. HP's 540 series continues the HP tradition of robust engine build with top quality and economical copy costs. HP DeskWriter comes with everything you need for a Mac - AppleTalk interface and software - all you need to add is a cable. Likewise the DeskJet comes with PC software and Centronics interface. 14 InBuilt Fonts. 1000 copies per month duty cycle - 3 year warranty

- 600-300 dpi
- AppleTalk or Centronics
- Plain Paper Inkjet
- Long Life Engine
- 2,000 copies draft 1,000 copies LQ\*

\*Per cart - No of pages based on normal 110pt font, 1000 characters per page

NEW LOW PRICE

£229

## DESKWRITER 540 OPTIONS

HP DeskWriter 540	£219.00
HP DeskJet 540	£209.00
BlackCart 51626A	£18.00
ColourCart 51625A	£24.00
Cable-specify Mac/PC	£10.00

# HP 1200C PS COLOUR

The Hewlett Packard DeskJet 1200C/PS PostScript printer redefines printing in the office.

The combination of high-quality black text, using HP's proprietary Resolution Enhancement technology, plus full-featured colour in a single, affordable printer satisfies the full range of printing needs in the office.

And an impressive list of performance features - fast printing speeds, HP LaserJet printer compatibility, brilliant, plain-paper colour, network capability and a breakthrough low-cost per printed page, to name just a few - makes the DeskJet 1200C/PS printer your ideal work partner.



£1,099

- 600x300 dpi Mono
- 300 dpi Colour
- High Res. Enhancement
- Full PostScript™
- AppleTalk & Centronics
- 7 Pages Per Minute
- RISC Processor
- 3 Year Warranty

# HP COLOUR LASER

## COLOUR, MONO A3 AND PERFORMANCE IN ONE HP LASERJET PRINTER.

Yes, the HP Color LaserJet Printer gives you both. Not only can you create highly professional text and graphics proposals and documents, you can also add a dash of brilliant colour to help organise, clarify and make your ideas really come to life. Do all this without getting in the way of productivity. The HP Color LaserJet Printer meets the demands of today's shared office environments by offering both fast black and white printing and fast colour printing. Paper handling and connectivity options give the Color LaserJet Printer full capabilities for network use.

**Performance:** HP LaserJet printer technology, that prints colour in pages per minute rather than in minutes per page - Print full colour documents at 2 ppm, or high quality colour transparencies at 1 ppm. Print your black and white documents at 10 ppm. Fast job completion time - The printer utilises a 20 MHz AMD 29030 RISC processor for fast processing of all documents. Comes standard with 8 Mbytes of memory to handle most documents and 4 SIMM slots for optional memory or languages. (Memory expandable to a max of 72 MB)

**Print Quality:** Black and colour in one HP LaserJet printer - now you can complement professional looking black printing with up to 16.7 million colours in true 300 dpi LaserJet resolution. The Color LaserJet printer uses eight base colours and a halftoning process to create the full colour spectrum. Toner colours cyan, yellow and magenta are combined in layers to produce three additional base colours - red, green and blue. True black toner is used for the seventh colour. HP Color LaserJet Printer applies cyan, magenta, yellow and black to media in a single pass of the drum with no intermediate

transfer, delivering crisp, clean, and sharp images and has built in device independent colour - for consistent higher quality colour output - compatible with evolving colour management systems. Permanent print - Documents are lightfast and waterfast and there is no fading, melting or peeling over time. Automatic Colour adjustment using HP ColorSmart, a revolutionary colour rendering technology that automatically optimises output vibrancy and clarity, giving you the best LaserJet colour output effortlessly.

**Connectivity:** Fast two-way communication delivering high speed printer/computer communications with the built-in HP Bi Tronics parallel interface. Features standard HP MIO and parallel ports with auto I/O switching. More connectivity options The printer's HP MIO slot supports HP JetDirect cards and most third party network solutions. HP JetDirect cards for the HP MIO port connect to more than 12 network environments. Automatic network protocol switching lets the printer work seamlessly in virtually any mixed network environment. Powerful network printer management - allowing you to remotely track printer and job status.



£4,199

## ACCESSORIES & OPTIONAL EXTRAS

2 Mbyte Upgrade: £89, 4 Mbyte Upgrade: £119, 8 Mbyte Upgrade: £229, 16 Mbyte Upgrade: £399, PostScript Level 2 Upgrade: £449, 250-sheet Rear Feed Unit: £269, 250-sheet A4 paper tray: £99, 250-sheet A3 paper tray: £99, Yellow toner: £29, Magenta toner: £29, Cyan toner: £29, Black toner: £29, Toner collection kit: £19, Coating pad kit: £59, Colour Developer (CYM): £499, Transfer belt: £199, Fuser: £259.

# HP 320 COLOUR

£199



HP's 320 series competes directly with Apple StyleWriter II for the entry level low volume user. HP's great build quality gives greater reliability - robust, good quality printer that'll give years of trouble-free printing.

Optional Colour cartridge and battery give you access to both colour and portable printing. Choose between the DeskWriter with AppleTalk interface and the DeskJet 320 with Centronics for PC connection. Duty cycle of 1000 pages per month - cartridges last for approx 1000 sheets at 5% coverage. On-Site warranty optional.

- 600 dpi Mono 300 dpi Colour
- Mono or Colour Cartridge
- Fully Portable Battery Option
- AppleTalk or Centronics
- SheetFeeder Option Included
- 1 Year Warranty

## HP 320 OPTIONS

DeskWriter 320 inc s/f	£199.00	Colour Cart 51625A	£29.00
DeskJet 320 inc s/f	£199.00	Black Cart 51633A	£22.00
Colour Kit (Cart + Pot)	£39.00	Battery internal	£27.00

# HP 660C COLOUR

Now you can enjoy the advantages of superb high-resolution black print quality plus you can add rich colour to your documents easily and with no fuss. Sharp, clear 600 x 600 dpi black printing, Hewlett-Packard's exclusive Resolution Enhancement technology and the advanced, easy-to-use ColorSmart technology for clear, vivid colour output, automatically. That's only the beginning. You also get faster printing than with dot matrix. A wide variety of built-in scalable fonts to give your documents a professional look. Dramatic black graphics with grayscale printing. Standard AppleTalk and serial interfaces. All protected by a 3-year warranty - the longest in the industry.

- 600x600 dpi
- 2 Cartridge System
- Colour & Mono
- AppleTalk or Centronics
- 4ppm Mono 1mpm Col
- 3 Year Warranty



£389

CALL 0171 383 2727 FOR ALL THE BEST PRINTER ADVICE





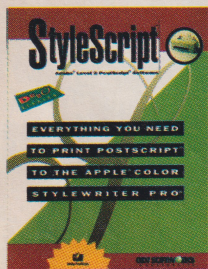


# Color StyleWriter 2400

Color StyleWriter 2400

£389

**ADD FULL PostScript™ CAPABILITY  
TO THE STYLEWRITER 2400**



With  
**StyleScript**  
FROM Academy Software

£99  
ONLY

The Apple Color StyleWriter 2400 is an affordable ink-jet printer that provides high-performance color and black-and-white printing. It's ideal for home, education, and small-business users who require convenient, superior quality color capability.

Whether you use the Color StyleWriter 2400 to print your household budget or your child's latest art project, a class handout, or customer presentation, you'll appreciate the quality and convenience of this printer's fast-drying, water-resistant ink. And you'll find the Apple Color StyleWriter 2400 equally convenient to own. It's extremely simple to set

up and features a compact, attractive design that fits easily into any work space. In addition, the Apple Color StyleWriter 2400 provides economical energy efficiency through its automatic power on/off control, complying with the EPA's EnergyStar energy-conservation guidelines.

The Apple Color StyleWriter 2400 features impressive 360- by 360-dots-per-inch resolution for color and black-and-white printing. Its speed is also impressive; the Apple Color StyleWriter 2400 prints up to 3 pages per minute for black and white and up to 0.3 page per minute for color. And it provides fast data transfer

over a variety of networks through Apple's ColorShare software, allowing you to share your color printer with others on a LocalTalk, EtherTalk, or TokenTalk network. Or you can choose to add the optional LocalTalk module, for direct connection to a LocalTalk network.

Through its integrated ColorSync software, the Apple Color StyleWriter 2400 provides excellent print quality and superior color matching.

So if you want great print quality and color capability—and a pleasingly low price tag—the Apple Color StyleWriter 2400 is the printer for you.

## Advanced Colour Printing Capability From Apple

### OUTSTANDING PRINT QUALITY

- Offers superb thermal ink jet 360- by 360-dpi resolution for text in crisp, sharp, black-and-white and vibrant color printing
- Takes advantage of ColorSync color-matching technology to ensure accurate color matching from screen to printer
- Provides a choice of 64 scalable TrueType fonts for printing in any size and in a wide variety of styles

### CONVENIENCE

- Extremely compact, attractive design
- Includes everything needed to print: interface cable, ink cartridges, ink tanks, and sample media kit
- Prints plain paper, transparencies,

glossy & premium paper, and back-print film

- Supports optional LocalTalk module.
- Comes with ColorShare technology to enable printer sharing over a variety of networks
- Complies with the EPA's EnergyStar guidelines.
- Up to 3 pages per minute with the high-performance black ink cartridge and up to 0.3 ppm for color

### STYLEWRITER 2400 OPTIONS

LocalTalk Option	£79.00
Cyan, Magenta, Yellow Cartridges (each)	£11.50
Black Cartridge (each)	£9.95

CALL FOR VOLUME DISCOUNTS



The Apple® LaserWriter® 16/600 PS is a high-performance PostScript™ laser printer offering exceptional print quality, unrivaled speed, extensive networking compatibility, and flexible expansion options. With 600-dot-per-inch resolution enhanced with FinePrint™ technology, the Apple LaserWriter 16/600 PS provides quality documents at impressive printing speeds. This speed can be easily shared by other users of Macintosh®, Power Macintosh™, DOS, Windows, and UNIX® systems without changing a single setting. If you need fax capabilities, just add the user-installable Fax Card to exchange faxes with any Group III or PostScript fax machine.

The Apple LaserWriter 16/600 PS is ideal for workgroup users who require high-speed printing with superior quality output and work in organizations with Mac, Windows, Novell NetWare, or multi-vendor environments.

And with the optional PostScript™ Fax Card, the LaserWriter Select 360 offers another big advantage: you can easily use it to send and receive faxes from both Mac and Windows computers. Two versatile paper trays are built in. With an optional third tray, the LaserWriter Select 360 supports a total paper capacity of 800 sheets.

# LaserWriter 16/600

**The high-performance printer providing the outstanding print quality you need - fast  
Perfect for busy, multi-environment workgroups.**

- Prints up to 17 pages per minute
- 600-dot-per-inch resolution enhanced with FinePrint™ technology
- Built-in support for PhotoGrade™ grey-scale image enhancement
- Choice of 64 scalable TrueType® fonts
- 8MB of RAM, expandable up to 32MB
- Includes a powerful RISC processor
- supports any LocalTalk® network
- Built-in support for Novell NetWare IPX, EtherTalk, and TCP/IP Ethernet networks
- Allows simultaneous connection to Mac®, DOS, Windows, and UNIX® computers
- Optional Fax Card lets your printer send and receive Group III and PostScript™ faxes
- Optional 500-sheet feeder & 75-envelope feeder
- Complies with EPA's EnergyStar guidelines for energy-efficient operation



FAX CARD £99  
OPTION  
TONER £89  
CARTRIDGE

£1,599

LOW  
NEW  
PRICE

**SEND AND RECEIVE GROUP  
III AND POSTSCRIPT™ FAXES**

**FULL 600 DPI - A4**

**PHOTOGRADE™ AND  
FINEPRINT™ AS STANDARD**

**BUILT-IN ETHERNET**



**CALL 0171 383 2727 FOR ALL THE BEST PRINTERS ADVICE**





Apple Computer, Inc.

**NEW FROM APPLE**

# Color Laser

## TOP QUALITY AT COSTS YOU CONTROL

Today, everyone from senior executives to sales professionals to schoolteachers are looking for one thing... the colour printer that gives you the quality of the Canon CLC 800, but with the affordability of desktop lasers - ...where you can buy your own toner as you use it... where you can go without copy contracts ...without cost per copy ... here comes Apple with a Color Laser that'll put a generation of copier salesmen out of business.

The Colour LaserWriter 12/600 PS provides just what we need... continuous tone colour laser prints to Canon standard... no contract... just pay for toner as you use it.

Apple's Photograde technology - long renowned for getting lasers to print true 256 grey levels - becomes Color PhotoGrade - giving true 256 levels of continuous colour.

Apple's ColorSync adds true colour fidelity - and Apple's new memory boosting technology allows each page to print 132Mb with just 12Mb of RAM.

### COST OPTIONS YOU NEED TO CONSIDER

- Outright purchase at our Limited Special Offer Cash Price of just £4,499.00 leaves you free to buy your consumables when and where you want.
- 0% Finance over 12 months\* - all you do is pay 20% of the full list price of £4,999.00 as deposit, that is £999.80+VAT, then the balance in 12 monthly installments of £333.27+VAT by direct debit.
- Nothing to pay for 90 days... if you're relying on client revenue, to pay for your ColorLaser, then delaying your payment start date makes sense. This can be achieved through two types of leasing agreement....
- Deferred Payment Lease\*... whereby you take out a 3 year lease, but don't start paying for 3 months... for these leases you need to show 3 years audited profits.
- Consumables Plan\* - whereby, you commit to buy one set of consumables per quarter, you get a cheque for £1215.74+VAT to pay the deposit, then you pay the balance- 11 quarterly lease payments of £607.87+VAT



**£203 ONLY PER MONTH\***

\* All leasing rates are approximate and subject to status



## THE BEST COLOUR LASER SPECIFICATION AVAILABLE TODAY

### BREAKTHROUGH SPECIFICATION

- True 600 dpi resolution for sharp text and graphics
- Provides superior colour print quality, as well as high quality black-and-white printing
- Colour PhotoGrade, the Apple technology standard enhanced 600 dpi imaging, 200 lines per inch, nearly 2 times standard 600 DPI colour laser printers
- Takes advantage of ColorSync™ 2.0 for outstanding colour matching
- 12MB of RAM standard; supports Colour PhotoGrade Apple condensing technology enables 130MB of data to be printed with only a 12MB printer
- Includes 39 PostScript and 64 TrueType™ fonts
- Optional internal 240MB hard disk drive

- Full Adobe PostScript Level 2
- SCSI port for external or optional internal hard drive
- 30 MHz AMD 29030 RISC processor
- Engine life 300,000 pages monochrome,

### THE FASTEST SPEEDS

- 12 pages per minute for monochrome
- 3 pages per minute for colour
- 1 page per minute for transparencies
- Actual print speed is dependent upon file complexity, network traffic, application and computer used

### UNEQUALLED EASE OF USE

- Offers easy, single-button installation of printing software and fonts

- Includes everything needed to print impressive colour output; requires only six printer supplies (four toners, photo-conductor and oil) and comes with complete starter set
- Includes a 250 sheet cassette and 100 sheet multipurpose tray; offers optional 250 sheet tray that supports A4, letter, legal and B5

### TOTAL COMPATIBILITY

- Works with Windows™ software-based systems, as well as with the full line of Macintosh™ and Power Macintosh™ computers
- Supports "plug and print" connection to both Apple™ systems and Windows software-based computers

- Offers a range of plug-and-print Ethernet networking options, from standard LocalTalk™ to IEEE 1284 bidirectional parallel to Ethernet (supporting AppleTalk™, TCP/IP and Novell NetWare protocols)

### NEW LEVELS OF PRODUCTIVITY

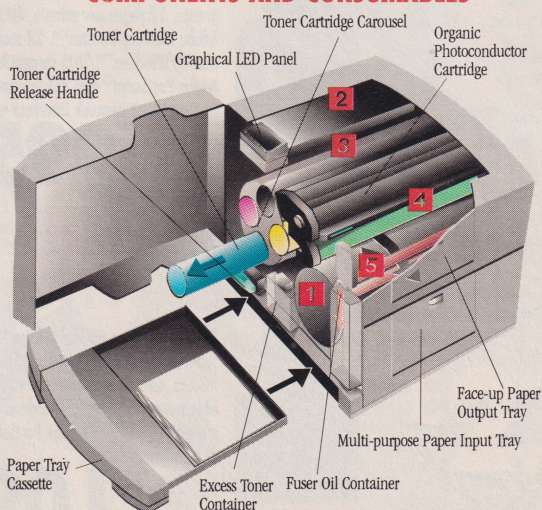
- Prints 12 pages per minute for black and white, 3 pages per minute for colour and 1 page per minute for transparencies
- Provides impressive performance through its powerful RISC processor - the 30 MHz AMD 29030 - and Apple designed colour matching and compression ASICs
- SCSI interface for hard disk drive font storage

## THE LOW COST COLOUR LASER

Apple Colour LaserWriter 12/600 PS	£4,999.00
Colour LaserWriter 12/600 PS Set-up Kit (contains cyan, magenta, yellow and black toner cartridges, photoconductor replacement kit, fuser oil, user's guide and limited warranty)	£469.00
Colour LaserWriter Cyan Toner Cartridge	£99.95
Colour LaserWriter Magenta Toner Cartridge	£99.95
Colour LaserWriter Yellow Toner Cartridge	£99.95
Colour LaserWriter Black Toner Cartridge	£89.95
Colour LaserWriter Photoconductor Replacement Kit	£129.00
Colour LaserWriter Fuser Oil	£39.00
Colour LaserWriter Transparencies A4	£69.00
Colour LaserWriter 12/600 PS 250 Sheet Feeder	£399.00
Colour LaserWriter 12/600 PS Universal Cassette	£399.00
8mb Upgrade	£269.00
16Mb Upgrade	£449.00
32Mb Upgrade	£869.00
Internal Hard Disk Drive	£269.00
Apple Ethernet Twisted-Pair or Thin Coax Transceiver	£39.95

## THE AMAZING NEW APPLE COLOUR LASER

### COMPONENTS AND CONSUMABLES



### HOW IT ALL WORKS

- 1 The transfer drum receives the paper from the paper tray cassette. The paper is clipped onto the transfer drum at one end and held around the drum by an electrostatic charge.
- 2 The controller sends a compressed page to the Video coprocessor.
- 3 The toner carousel rotates to bring the appropriate colour toner cartridge into contact with the organic photoconductor (this "contact" is between the toner developer rollers and the organic photoconductor); toner jumps from the toner charge (negative) to the organic photoconductor (a greater negative charge).
- 4 The organic photoconductor transfers each colour plane of the image to the paper wrapped around the transfer drum.
- 5 The fuser rollers receive the paper from the transfer drum and use heat and pressure to permanently bond the toner to the page and release it to the top tray or face-up tray.

CALL 0171 383 2727 FOR ALL THE BEST PRINTERS ADVICE





# microLaser™

# PRO 600

**TEXAS INSTRUMENTS**



TI's microLaser Pro 600 has become the best selling 600 dpi Macintosh printer in the giant US market. microWriter offers a printer with 6Mb of RAM as standard, 65 built-in fonts, low-cost consumables and a superb laser quality with the reliability of proven LED technology. The printer has few moving parts, resulting in long product life and dependable performance. Because of microLaser's durability, we not only provide a one-year warranty on the entire printer but a five-year printhead warranty which means you can buy with confidence.

### VERSATILE PAPER HANDLING.

microLaser's high-capacity paper paths accept paper from three different sources - the standard 250-sheet paper tray, a second built in 250-sheet feeder, or an optional universal feeder which handles up to 150 sheets of all common paper sizes or 30 envelopes. Select the source you want from within your software, using the versatile TI printer driver and use all three paper sources during a single print job on your Macintosh. TI provides custom drivers for Windows-based PCs with all models and Paper Tray Manager with all AppleTalk models.

### WE HELP YOU LOOK GREAT ON PAPER.

microLaser's crisp 600 x 600 dpi resolution means professional quality printing for your business. But high resolution is just the beginning. The Pro 600 puts the power and versatility of PostScript outline fonts at your command - giving you instant access to more than 7,000 popular, easy-to-use PostScript software applications.

### THE PRINTER THAT GROWS WITH YOUR BUSINESS.

Business booming? microLaser keeps pace. When your printing needs increase, you can easily add options such as a second paper feeder or universal feeder for increased paper capacity, font modules for more printing flexibility, and additional memory - up to 8MB - for improved performance. In addition, TI provides standard interfaces for DOS/Windows PCs as well as the Macintosh. The Pro 600 give you HP and PostScript emulation with the convenience of automatic emulation switching - you won't have to get up and change printer settings to switch between PostScript and HP printing modes.

### SMALL IN SIZE, BIG ON PERFORMANCE.

With a footprint that's smaller than today's compact CPUs, microLaser easily fits on your desktop. And while it may be little, microLaser is a powerhouse in performance. The 8 ppm engine includes a fast Motorola processor that is enhanced for optimum print speed.

## BREAKING NEW GROUNDS IN PRICE-PERFORMANCE 600DPI LASER PRINTING

# £819 ... also from Texas Instruments

### THE CAMELOT 'AT A GLANCE' GUIDE TO THE TI PRINTER FAMILY

	600	Pro600	Pro E	PowerPro
<b>PRINTING FEATURES</b>				
Print speed	5ppm	8ppm	12ppm	12ppm
Resolution	600dpi	600dpi	600dpi	600dpi
Month duty cycle	5,000 cpm	5,000 cpm	5,000 cpm	5,000 cpm
Special RIP Features			Adobe Memory Manager	Turbo Charge System
<b>EMULATIONS</b>				
PCL5	Yes	Yes	Yes	Yes
PostScript Level 2	Yes	Yes	Yes	Yes
<b>INTERFACES</b>				
Mac	Yes	Yes	Yes	Yes
Windows	Yes	Yes	Yes	Yes
DOS	Yes	Yes	Yes	Yes
Multi-Network option			Yes	
<b>MEMORY</b>				
Standard RAM	2MB	3MB	3MB	6MB
Maximum RAM	10MB	19MB	19MB	22MB
<b>PAPER HANDLING</b>				
250-sheet input trays	1	2	2	2
200-sheet output tray	1	1	1	1
30-sheet output tray	1	1	1	1
<b>PAPER SIZES</b>				
Letter, legal, executive, invoice, A4, B5, envelope, labels, transparencies	All	All	All	All
<b>FONTS</b>				
	23	65	23	65

**NEW!**

## microLaser™ PRO E Printer



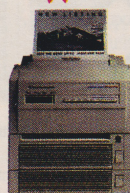
Ideal for volume work and intensive work groups. 12 pages per minute, 600 dpi with Adobe Memory Booster™. 23 scalable fonts, Mac™/Windows™/DOS compatible with full Adobe PostScript® and PCL emulation. Optional multi-network interface now available.

**£995**

**SPECIAL CAMELOT PRICE**

**NEW!**

## microLaser™ PowerPro



Easily the fastest 600dpi printer for the price - superb for graphics printing. 12 pages per minute, turbo charged processor and 60 scalable fonts. Fully Mac™/Windows™/DOS compatible with full Adobe PostScript® and PCL emulation.

**£1,099**

**SPECIAL CAMELOT PRICE**

## microLaser™ 600

The first 600 dpi laser at 300 dpi prices. This award winning printer gives everyone what they want. 600dpi, 5 pages per minute, 23 scalable fonts, Mac™/Windows™/DOS compatible with full Adobe PostScript® Level 2 and PCL emulation.



**PC** **BYTI** **MacUser**  
MAGAZINE **CHOICE** **11/93-Best Mac Business Printer** **US MacUser**  
Editors Choice

**£599**

### TI ETHERNET AND CONSUMABLES

Ethernet microLaserPro	£249.00
Toner microLaser 600	£39.00
Drum microLaser 600	£149.00
Toner microLaser Pro	£159.00
Drum microLaser Pro	£149.00
Envelope Feeder	£89.00

### TI MICROLASER MEMORY

1 Mb Upgrade	£89.00
2Mb Upgrade	£149.00
4Mb Upgrade	£219.00
8Mb Upgrade	£399.00
RAM installation	£22.00
MicroLaser 600 1MemorySlot	
MicroLaser Pro 2MemorySlots	



**CALL CAMELOT ON 0171 383 2727**



# PS-4079 PLUS

## AFFORDABLE POSTSCRIPT A3 COLOUR

Lexmark took Canon's BJC820 technology and improved it - building on Canon's industry leading colour quality - photo quality images at entry level pricing. Don't be confused by Canon CLC10 - the Canon BJC820 and Lexmark 4079 is noticeably superior to anything in its class - no wonder the 3 best selling Apple colour printers are based on Canon BJC820 - worlds apart from its CLC10 technology and Lexmark's 4079 - the real winner that adds both PostScript™ and full A3 colour output capability.

If it's the quality that makes Canon's BJC technology stand out, it's the A3 and the PostScript along with the built-in Pantone matching that makes Lexmark the makers of all IBM's printers, the winner in the competitive field of colour printers.

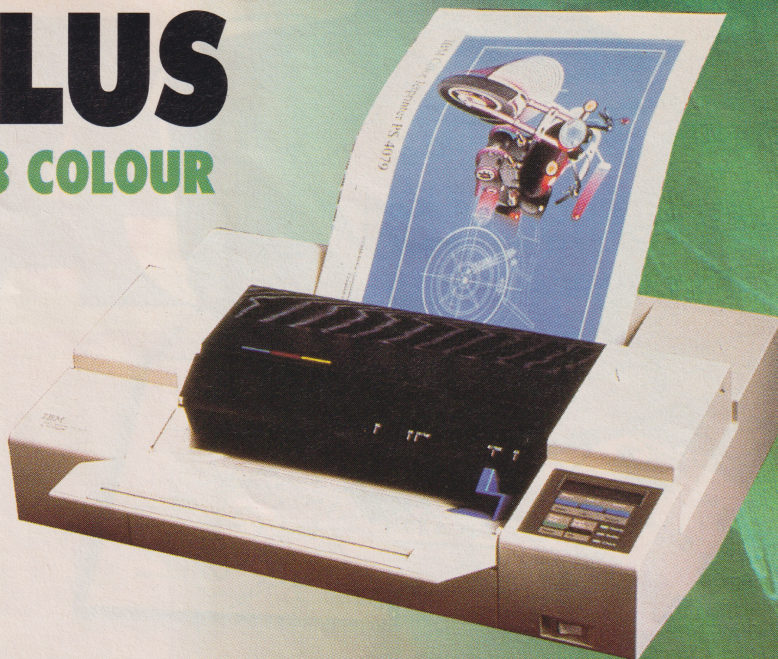
You'll appreciate the 4079 - as we do - when we're proofing, see full A4 pages - just as they're going to look - and

because we use PostScript to output, 4079 gives real in-position, right size proofs. Print spreads for mockups, scamps, presentations or overheads.

Because the Lexmark 4079 prints on plain coated paper, its running costs are small - from 5p for A4 and from 10p for A3 with 20% coverage. Compare this with more than 50p for A4 on a Canon CLC300 or 500.

Printing on transparencies, take any inkjet or laser transparency material and you'll get a superb A4 overhead in about 70 seconds. If you think it's strange that an IBM printer should beat Canon and Apple at their own game ... don't underestimate Lexmark, the newly formed buy-out division of IBM, with a real understanding of what users like us want. Quality, performance, price.

If you need decent quality colour, PostScript and A3 output, you have no option but to choose this excellent printer from Lexmark.



# LEXMARK™

**Technology:** Plain paper colour inkjet

**Print heads:** 4 x 64 nozzle permanent

**Resolution:** 360 x 360 dpi for colour and monochrome printing

**Microprocessor:** Full 32 bit AMD 29200 RISC 25MHz

**Colour technology:** Pantone licensed true 4 colour process

**Memory:** 4 MB RAM standard, optional RAM upgrades for a total of 16 MB

**Speed:** From 70 sec. for an A4 page From 140 sec for an A3 page

**Emulations:** Automatic emulation switching, PostScript HPGL 7475 A/IBM 7372 GL

**Standard interfaces:** High Speed Centronics Parallel (with Fastbytes) RS232C Serial AppleTalk for Apple Macintosh (LocalTalk DIN -8)

**LAN attachment:** Optional 4033 LAN, Connection for IBM OS/2, LAN Server 1.3 or 2.0 IBM AIX for RS/6000, Microsoft LAN manager 2.0 or 2.1, Novell NetWare 2.2 and 3.11 LANs

**Software support:** Free drivers are available for Windows 3.X IBM OS/2, Apple systems 6 and 7, IBM AIX/RS, 6000 and a range of DOS applications

**User interface:** 2 line, 32 character LCD display, 9 language capability

**Paper handling:** B5, A4 A3 and transparencies, Auto Sheet Feed 100 cut sheets

**Fonts:** 35 Type 1 scalable

**Ink cartridges:** 4 separate and disposable colour cartridges for IBM 4079, Cyan, Magenta, Yellow, Black

**Prints per cartridge:** Plain text : 830 pages, Business graphics : 205 pages

**Paper Stocks:** A4 & A3 Transparencies, A4 & A3 Coated paper

**Dimensions & Weight:** 520 mm x 169 mm x 407 mm (w x h x d), 20.5" x 6.7" x 16.0" - Weight 10 kg

**Warranty:** 1 year on site

- FULL A3 AND A4
- TRUE 360X360 DPI
- FULL 4 COLOUR OUTPUT
- POSTSCRIPT
- FROM ONLY 70 SECS PER PRINT
- 35 BUILT IN FONTS

# CMYK

FULL COLOUR PRINTING

ALL FROM ONLY

£2,199

CALL 0171 383 2727 FOR ALL THE BEST PRINTER ADVICE







**LOW  
NEW  
PRICE**

**£2,299.00**

## THE QMS 1660 ADVANTAGE

### Crown technology

The implementation of the powerful QMS Crown system software makes the QMS® 1660 Print System the ideal proofing device and all-purpose office solution for any open network environment. Direct network connectivity to various hardware platforms, job spooling and powerful paper handling are just a few basics of QMS Crown™ technology.

### 600 x 600 dpi resolution

On both A3 and A4 formats, with 1200 x 600 dpi supported on A4, provides exceptional scanned image quality, plus extremely clean output that can be used as accurate prepress proofs and often as camera-ready originals. 1200 x 600 dpi is an option on A3 with the addition of extra memory.

### PostScript Level 2

The QMS 1660 offers the capabilities of PostScript Level 2 and Level 1, giving it the same features offered by Adobe's second generation of PostScript™ software.

### RISC-based RIP

An IDT 308 I RISC-based internal controller, operating at 33 MHz and utilising QMS Crown technology, processes documents at speeds unsurpassed by other printers in its class.

### Connectivity and Compatibility

Standard and optional interfaces provide compatibility with PCs, Macintosh® computers, UNIX® workstations, DEC® systems, and IBM® mainframes. All interfaces can receive data simultaneously.

### Emulation Sensing Processor (ESP) technology

This works with most popular commercially-available applications, analyses incoming file data from any one of the printer's interfaces, and selects the appropriate printer language from those installed on the printer.

### Soft loadable system

This allows convenient addition of new capabilities and upgrades.

### Network interfaces

The QMS network interfaces provide easy installation, simultaneous network protocol support, and advanced remote print system management.

### Toner Conservation

ConserveToner mode applies less toner to extend cartridge life.

### External Hard Disk

SCSI connection for external hard disk support expands spooling and font storage capabilities.

### Font Flexibility

The QMS is shipped with 39 built in PostScript Type 1 fonts. Adobe's PostScript Type I and Type 3 downloadable typefaces are supported. All typefaces have multi-lingual character sets. PCL fonts compatible with the standard font on the HP® LaserJet® III Si are also included. TrueType™ fonts are supported under the PostScript emulation.

The new QMS 1660 Print System is a high quality proofing device, plus a heavy duty office print system, combined in one compact desktop device. Taking its lead from the award winning QMS 860, the QMS 1660 combines high quality, high performance, large format printing capabilities with faster output speeds, making it a unique graphics and proofing device that also caters for the standard printing requirements of any office environment.

Printing at 16 pages-per-minute on A4 format and 9 pages-per-minute on A3, the QMS 1660 outputs at the industry-standard 600 x 600 dpi on both formats, as well as 1200 x 600 dpi on A4. This higher resolution is also available on A3 format with the addition of extra memory. Crown technology ensures that the printer is shareable by everybody across any type of network, and has the intelligence to switch between applications, languages and protocols automatically, without user intervention.

The QMS 1660 Print System. One device for both proofing and general office printing.

# QMS 1660

## The Professional Print System



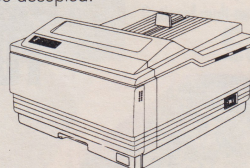
## THE QMS CROWN™ BENEFIT

### CONTEXT SWITCHING

It is compatible with many different established printer languages such as PostScript™ PostScript level 2, HP-PCL, HP-GL, and others.

### SIMULTANEOUS INTERFACING

Using an Emulation Sensing Processor Crown Printers can tell if a print job is PostScript, PCL, HP-GL, or any one of the languages that may be on board. Up to four print jobs can be received and processed at the same time. No one has to wait around for their job to be accepted.



### NETWORK CONNECT

After plugging the network cable into the optional network interface. The printer will perform all it's own spooling which means that you may not need your old print server.

### PRINT & PROCESS

QMS Crown can multi-process which means that as your job is printing, it can be processing someone else's which the printer keeps printing at it's rated engine speed.

### PAPER JAM RECOVERY

Crown stores and processes all jobs sent to the printer, not just one or two. In the event of a paper jam, you just clear the jam and the printer will reprint all lost pages without resending the job.

### AUTOMATIC COLLATION

Crown will print the single pages in the order that you need them to ensure fully collated documents to six sets of 6 pages will print as six sets collated from page 1 to 6 not six pages of page 1, six pages of page 2 etc.

### MULTIPLE RESOLUTION

Crown printers can print 600 dots per inch for accurate proofs of design work and a vast improvement in 'greyscales'.

### SOFTWARE SUPPORT

QMS has developed a range of drivers for Windows 3.1, Macintosh, Unix, DEC with full network options to ensure complete software compatibility.

### SOFT LOAD SYSTEM

With crown you can update your printers firmware with new features etc by a floppy download from your computer. There is no need for expensive ROM chip or hardware upgrades.



**CALL 0171 383 2727 FOR ALL THE BEST PRINTER ADVICE**



# NEW A3 LASERS

**Dataproducts.**



**T8 £2,229**

**T8+ £2,995**

## REAL ADOBE POSTSCRIPT LEVEL 2

If you're in the serious Graphics business, you'll want the real PostScript from Adobe to ensure compatibility with your software and other imaging devices... Dataproducts T8 brings you true Adobe PostScript... at even lower prices than clone PostScript alternatives.

## REAL 1200 DPI IMAGING ENGINE

If you're in the serious Graphics business, you'll want real 1200 dpi, not simulated 1200dpi... now at the lowest price ever DataProducts are selling real 1200 dpi... for less than the price of simulated 1200 dpi... If 36 MB RAM GIVES YOU THE MEMORY

... If you printer's short of RAM... you'll find out... won't print complicated graphics... won't print A3 at 1200dpi... DataProducts T8+ comes with more RAM than any other printer in its class... 36MB gives you the memory capacity you need to get the combination of speed and resolution you need.

## RISC RIPS THROUGH YOUR PROCESSING

... If you want to get the most throughput out of your printer... make sure that the RIP (Raster Image Processor) rips through your workload so that your first copy out times are LOW LOW LOW... with DataProducts inbuilt RISC processor - you have Reduced Instruction Set computing, just like the PowerMac itself, only optimised for printer RIP

operations - and that means more pagesw out per hour

## DATAPRODUCTS - PRINTER SPECIALISTS

- and that Part of the giant Hitachi group, DataProducts have a near monopoly in the Mainframe band printer and high volume laser market and are able to offer one year on-site legendary super service to all T8+ and T16 buyers

**T8+ £2,995.00 FROM** **T16 £2,499.00 FROM**

Print Server - Ethernet	£564.00
Print Server - Token Ring	£1045.00
8 MB SIMM Memory	£467.00
16 MB SIMM Memory	£944.00
32 MB SIMM Memory	£893.00
250 Sheet Feeder Deck	£120.00
250 Sheet Uni. A3/A4 Cassette	£140.00
250 Sheet Uni. A4/A5 Cassette	£129.00
Envelope Cassette	£115.00
500 Sheet Feeder Deck	£239.00
500 Sheet Universal A4 Cassette	£239.00
EP Cartridge 6500 pages	£133.54
Fuser 100,000 pages	£152.89



**T8**

## EMULATIONS

- PCL-5 (HP LaserJet IIISi) including
- HP-GL/2 (HP 7550A emulation)
- HP-L (HP 7475A plotter emulation)
- Hex Dump (for diagnostic purposes)
- (User selectable auto emulation sensing and switching)

## MEMORY

- 600 x 600 dpi 4MB standard
- 1200 x 1200 dpi 36MB standard
- Expandable to maximum 68 MByte.
- (Optional SIMM's 8, 16, 32 MB)

## FONTS

- PostScript: 35 Scalable typefaces
- PCL-5: 13 Scalable and 7 Bitmap

## INTERFACES

- 1284.1 Bidirectional Parallel
- RS-232C Serial
- LocalTalk

## PERIPHERALS

- SCSI for optional external Hard Disk Drive (Apple Macintosh compatible)

## DIMENSIONS

- Height 270 mm
- Width 437 mm
- Depth 584 mm
- Weight 19 Kg

## CONSUMABLES

- EP Cartridge: 6,500 Pages
- (Stated life is at 600 dpi at 5% print density)
- Fuser Unit

## RESOLUTION

- Engine /Basic Model 600 x 600 dpi
- Hi Res T8+ Model 1,200 x 1,200 dpi

## SPEED

- 16 pages per min. (A4 or Letter, LEF)
- 4.6 pages per min. (A3 or Ledger)

## AVERAGE MONTHLY USAGE

- 20,000 Pages per month

## TIME TO FIRST PRINT

- 17 seconds from receipt of data
- (Dependent on page complexity)

## STANDARD INPUT

- 250 Universal A3/A4 cassette
- Manual Feed

## STANDARD OUTPUT

- 500 Sheets, Face Down, Correct Order

## MEDIA SPECIFICATIONS

- 60 to 90 g/m<sup>2</sup> paper from cassette
- 60 to 135 g/m<sup>2</sup> from manual feed
- A3, A4, Letter, Legal, Executive, B4,

## CONTROLLER

- Summit SP Controller with 25 MHz IDT MIPS R3081 RISC processor

## PAGE DESCRIPTION LANGUAGE

- PostScript Level 2 from Adobe Systems



**T16**

## EMULATIONS

- PCL-5 (HP LaserJet IIISi) including
- HP-GL/2 (HP 7550A emulation)
- HP-L (HP 7475A plotter emulation)
- Hex Dump (for diagnostic purposes)
- (User selectable auto emulation sensing and switching)

## MEMORY

- 600 x 600 dpi model 12MB standard
- Expandable to maximum 76 MByte.
- (Optional SIMM's 8, 16, 32 MB)

## FONTS

- PostScript: 35 Scalable typefaces
- PCL-5: 13 Scalable and 7 Bitmap

## INTERFACES

- 1284.1 Bidirectional Parallel
- RS-232C Serial
- LocalTalk

## PERIPHERALS

- Ethernet (two bin model only)
- (All ports can receive data simultaneously)

## PERIPHERALS

- SCSI for optional external Hard Disk Drive (Apple Macintosh compatible)

## DIMENSIONS

- |          |         |         |
|----------|---------|---------|
| • Height | ONE BIN | TWO BIN |
| • Width  | 290 mm  | 355 mm  |
| • Depth  | 437 mm  | 437 mm  |
| • Weight | 584 mm  | 584 mm  |
|          | 21 Kg   | 25 Kg   |

## CONSUMABLES

- EP Cartridge: 6,500 Pages
- (Stated life is at 600 dpi at 5% print density)

**CALL 0171 383 2727 FOR ALL THE BEST PRINTER ADVICE**

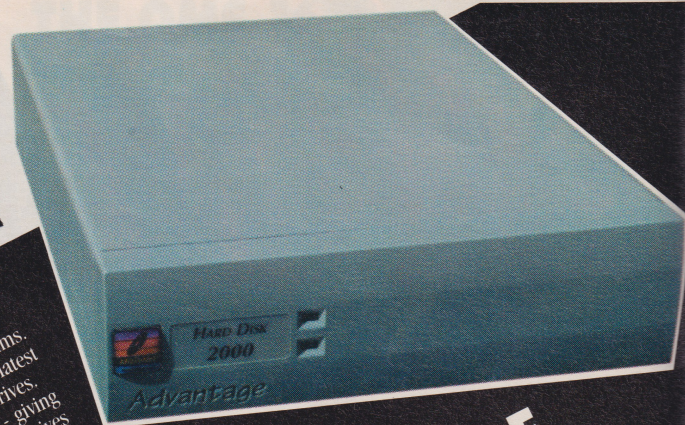




# DRIVES



**MicroNet**



**HOW TO BUY YOURSELF A BETTER DRIVE FOR LESS MONEY**  
 Buying Hard drives can be a minefield of specs, times and rival claims. With the price of drives plummeting for older slower drives.... the latest PowerMac programs need the newer generation of bigger faster drives. MicroNet's Advantage series gives you the best - the best drives - giving you sustained throughput of up to twice the rate of the standard drives fitted by Apple into your Mac. For instance MicroNet's Advantage 2000E uses the top-rated Barracuda mechanisms from Seagate technology - and combined with MicroNet's proprietary software and caching technology, delivers consistent data flow of over 3Mb per second. And when it comes to price performance and quality, MicroNet are consistently voted market leader. Best Prices. Best Performance.

**1**

## ADVANTAGE SERIES HARD DRIVE RANGE

... from the world's leading manufacturer of drive systems

**THE COMPLETE DRIVE SUB-SYSTEM:** All drives ship with full manuals, formatting and partitioning utilities, SCSI cable, terminator, UK power lead and full 12 months manufacturer's r/w warranty



**500Mb**

Code ADV500E ADVANTAGE 500Mb

**£249**

14ms-2.0Mb/sec

**700Mb**

Code ADV700E ADVANTAGE 730Mb

**£289**

12ms-2.7Mb/sec

**2Gb**

Code ADV2000E ADVANTAGE 2Gb

**£699**

10ms-3.1Mb/sec

**1Gb**

Code ADV1000E ADVANTAGE 1Gb

**£399**

10ms-3.1Mb/sec

**2**

## MICRONET... the complete SyQuest Drive system



All drives come with SCSI cable, terminator, UK Power Lead, driver software, full manuals and 12 months manufacturers warranty



**SyQuest**  
TECHNOLOGY

SyQuest's domination of the 44 Mb removable storage market has been continued through to the 88Mb and 200 Mb storage standards. 200 Mb Syquest drives read and write both 88 Mb and 44 Mb cartridges. With its superfast 1.5 Mb/sec transfer speed 200 Mb provides best value.

**88Mb**

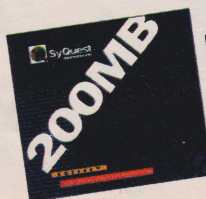
**£269**

800Kb/sec

**200Mb**

**£349**

1.5Mb/sec



CALL CAMELOT ON 0171 383 2727



# 3 OPTICALS DRIVES ... fast, secure... low cost

1.3Gb  
£1,349

**SUPERFAST 22ms TAHITI**

- Micronet 230Mb Optical .....£499.00
- Micronet 1.3Gb Optical .....£1,349.00
- 128Mb Optical carts (1-4) .....£14.95
- 128Mb Optical carts (5 Plus) ...£11.50
- 230Mb Optical carts (1-4) .....£21.95
- 230Mb Optical carts (5 Plus) ...£17.50
- 650Mb Optical carts (1-4) .....£58.95
- 650Mb Optical carts (5 Plus) ...£52.50
- 1.3Gb Optical carts (1-4) .....£65.95
- 1.3Gb Optical carts (5 Plus) ...£55.50

SMicronet's choice of premium drives, gives you a choice between 1.3 Gb Tahiti with 2 Mb/sec Data Transfer and 18ms Access - capacity 1156 Mb. 230Mb mechanism with 1.0 Mb/sec Data Transfer and 30ms Access.



MicroNet's optical strategy gives the Power user the fastest high quality mechanisms - super-shielding - at mass market pricing.



230Mb  
£499  
NOW ONLY

# 4 DAT-DIGITAL TAPE ... for archive and back-up

Archive and back up is where DAT beats all other storage mechanisms in both price and sustained performance. Whether you are backing up work from one single work station or your complete network, you need never run out of space again. DAT makes back up painless and archiving of large volumes of data on one tape saves hours of hunting through SyQuests or opticals. At up to 21Mb/min, back up all the files you've changed at the end of each day and it will take you no time. Archive up to 16Gb on to one tape, then retrieve the archive document you want without pain.

- 2Gb DAT Drive .....£599.00
- 8Gb DAT Drive .....£799.00
- 16Gb DAT Drive .....£899.00
- 90m Tape .....£9.90
- 120m Tape .....£14.90

## CHOOSING THE RIGHT DAT STRATEGY

MicroNet use only the best quality mechanisms - with premium internal shielding - this is so important. MicroNet's 2Gb mechanism backs up at 10Mb per minute - and uses no compression. 8Gb backs up at 18Mb/min, using compression - storing either 2Gb of previously compressed data or up to 8Gb of uncompressed data. 16Gb - 23 Mbb/minute back-up - 4Gb compressed up to 16 Gb uncompressed data. 16Gb MicroNetDATreads 8Gb which reads 2Gb tapes.

RetrospectRemote is the best BackUp and Archive choice.



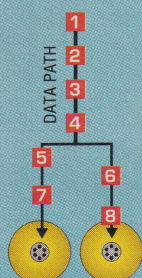
2Gb DAT Pro  
£599  
NOW ONLY

# 5 PERFORMANCE DRIVES .... when only the fastest will do

## WHAT RAID TECHNOLOGY DO YOU NEED - THE PROS AND CONS

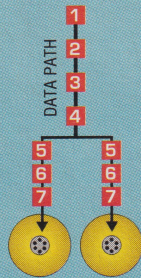
### RAID LEVEL 0

- FOR**
- The fastest of all the RAID systems especially when using SCSI 2
- AGAINST**
- Failure of any one of the drives brings down the whole system without compromise.
  - Poor data security



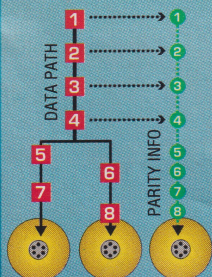
### RAID LEVEL 1

- FOR**
- Identical data writes to both drives - if one fails all your data is safe on the other
  - Very secure
- AGAINST**
- Very slow
  - Needs twice the storage space your data requires
  - Needs expensive optional duplexing to improve drives speeds



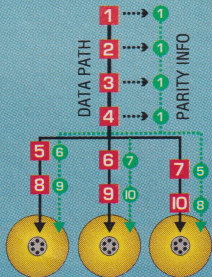
### RAID LEVEL 3

- FOR**
- Reduces the very high rate of data redundancy when mirroring drives. Parity stored on separate drives.
  - Very fast for large data file transfers
  - Lower cost for secure data
- AGAINST**
- Needs three synced drive.
  - Needs a dedicated controller card
  - Poor performance in sequential write activities such as database searches



### RAID LEVEL 5

- FOR**
- Eliminates the need for a dedicated parity drive as used in RAID 3.
  - Much improved performance in sequential writes
  - Very fast for small data transactions, database searches etc
  - Does not need a dedicated controller system
- AGAINST**
- Not as fast as RAID 3 at writing large sequential files.



Video, photo retouching, DTP, image processing ..... all put tremendous strain on your PowerMac's SCSI system and your SCSI drive. Micronet RavenPro Drives and Disk Arrays share the workload between two superfast drives. This enables your Mac to maintain sustained transfer rates as high as the peak specifications of each drive. No longer is choosing a Macintosh drive with a high transfer rate and a fast access speed good enough, you need the processing sledge hammer of a Micronet Raven Array. Your external Raven com

bins two Micronet NuPORT SCSI 2 accelerators working in tandem.

Internal Micronet Raven Arrays come ready to mount in your Quadra with its SCSI accelerators built into the mounting, all you do is plug straight into the Quadra inbuilt SCSI port.

## PCI FOR PRICE PERFORMANCE

The PowerMac 9500 uses the faster PCI Bus - Raven power is becoming even faster and even better value. Invest in a Raven with your PowerMac 9500.

DRIVE	CAPACITY IN MB	RAID LEVEL	ACCESS TIME	M/B PER SECOND	CAMELOT PRICE
RavenProSingleDrive	1800MB	0/1	8.0 Mill.Sec	7.9	£2295
RavenProSingleDrive	4050MB	0/1	8.0 Mill.Sec	5.4	£2699
RavenProSingleDrive	8670MB	0/1	11.0 Mill.Sec	5.2	£3859
RavenProDiskArray	4100MB	3	4.0 Mill.Sec	10.0	£3295
RavenProDiskArray	8100MB	3	4.0 Mill.Sec	9.7	£4995
RavenProDiskArray	17340MB	3	5.5 Mill.Sec	10.0	£7199
RavenProSingleDr.PCI	1800MB	0/1	8.0 Mill.Sec	9.4	£1499
RavenProSingleDr.PCI	4050MB	0/1	8.0 Mill.Sec	6.6	£1649
RavenProDiskArrayPCI	3600MB	3	4.0 Mill.Sec	15.4	£2995
RavenProDiskArrayPCI	8100MB	3	4.0 Mill.Sec	11.6	£3449
RaidBankTower8	8024MB	0/1	9.0 Mill.Sec	4.2	£3395
RaidBankTower24	24072MB	3/5	9.0 Mill.Sec	4.2	£9995

CALL 0171 383 2727 FOR ALL THE BEST DRIVE ADVICE







# Power Macintosh

## CHOOSE THE POWER MACINTOSH POWER YOU NEED ....

**LOW  
PRICES**

**POWERMAC  
6100/66**

**POWERMAC  
7100/80**

**POWERMAC  
8100/100  
& 110**



### THE MOST AFFORDABLE POWERPC TECHNOLOGY COMPUTER

The Apple® Power Macintosh™ 6100/66 computer is the most affordable member of the new high-performance line of Apple Macintosh® computers. PowerPC™-chip technology gives it the performance that business and education users demand.

With the Power Macintosh 6100/66, you can run virtually all existing Macintosh applications. But the real difference is evident when you run applications written to take advantage of the PowerPC technology. These applications at two to six times the speed of previous Macintosh computers based on the 68040 chip. And they support MS-DOS and Windows applications when using SoftWindows™ software.

The Power Macintosh 6100/66 support thousands of colors, as well as most Apple and third-party displays including VGA and SVGA. Support for GeoPort™ telecommunications, speech-recognition, and text-to-speech capabilities are built into the Power Macintosh 6100/66.

An optional DOS Card adds a second computer within your 6100/66, a powerful DX-66 PC, supplied complete with DOS and Windows Software.

The DOS board contains one RAM slot which takes standard 72pin SIMMS- there is no RAM soldered on the board.

- 66-MHz PowerPC™ 601 microprocessor with floating-point processor and 32K cache
- 8MB of RAM, expandable to 72MB
- Apple SuperDrive® 1.4MB internal floppy disk drive
- 250MB or 500MB internal hard disk drive
- Eight built-in ports to support a wide range of peripherals
- On-board Ethernet
- Optional internal CD-ROM drive
- Runs virtually all Macintosh® applications
- Runs MS-DOS and Windows applications (special configurations only)
- DRAM display support
- Supports up to six SCSI external devices
- Internal expansion slot for NuBus™ expansion card or processor-direct card
- LocalTalk® and GeoPort™ - compatible serial ports
- Includes 256K level-2 cache
- Member of the high-performance Power Macintosh™ line of computers

### EXPANDABLE, HIGH-PERFORMANCE POWER PC

If you're looking for high performance and expandability, the Apple® Power Macintosh™ 7100/80 and 7100/80AV computers have what you need. Utilizing the revolutionary PowerPC™ chip technology, they're built with the speed, expandability, and networking capabilities that business users demand. They're ideal for word processing, desktop publishing, and working with complex spreadsheets and databases.

The Power Macintosh 7100/80 and 7100/80AV run virtually all existing Macintosh® applications. And they run applications written to take advantage of Power Macintosh capabilities at two to six times the speed of previous Macintosh computers. In addition, the Power Macintosh 7100/80 and 7100/80AV support MS-DOS and Windows applications, using SoftWindows™ software. Built-in support for GeoPort™ telecommunications gives you integrated access to data, fax, and voice technologies, including speech-recognition and text-to-speech capabilities.

Easy expansion is possible with three NuBus™ slots. Both computers can run two displays simultaneously and support most Apple and third-party displays, including VGA and SVGA. Both also have a built-in, floating-point math coprocessor and provide built-in, high-speed Ethernet networking. The 7100/80AV configuration also supports NTSC and PAL monitors, and includes S-video and composite video input and output for use with TV's, video cameras and recorders.

- Fast, easy set-up
- 80-MHz PowerPC™ 601 microprocessor with floating-point processor and 32K cache
- 8MB or 16MB of RAM, expandable to 136MB
- Apple SuperDrive® 1.4MB internal floppy disk drive
- 350MB or 700MB internal hard disk drive
- Equipped with System 7.5 software
- Nine built-in ports to support a wide range of peripherals
- Supports one 5.25-inch half-height internal storage device
- Optional internal CD-ROM drive
- DRAM display support and Supports up to six SCSI external devices
- Internal expansion slot for three NuBus™ expansion cards
- LocalTalk®- and GeoPort™-compatible serial ports
- Built-in Ethernet and AppleTalk® networking
- 1MB VRAM, expandable to 2MB
- AV configuration includes 2MB of VRAM for second display support; S-video input and output ports; digital-audio video connector and support for up to 16.7 million colors

### HIGHEST PERFORMANCE FASTEST POWER PC AVAILABLE

The Apple® Power Macintosh™ 8100/100 computer offers the highest performance and speed of any Macintosh® computer. It has the speed, expandability, and networking to satisfy even the most demanding Macintosh users—from professional publishers to computer-aided design professionals.

Using the revolutionary new PowerPC™ chip technology, the Power Macintosh 8100/100 computer runs applications written to take advantage of Power Macintosh capabilities at two to six times the speed of previous Macintosh computers. Plus it runs virtually all existing Macintosh software and even supports MS-DOS and Windows applications when using SoftWindows™ software. Built-in support for GeoPort™ telecommunications gives you integrated access to data, fax, and voice technologies, including speech-recognition and text-to-speech capabilities.

The most flexible and expandable of the Power Macintosh computers, the Power Macintosh 8100/100 features three NuBus™ slots for easy expansion. It provides built-in high-speed Ethernet networking, and can run two simultaneous displays, supporting up to 16.7 million colors, and most Apple and third-party displays including VGA and SVGA. The 8100/100AV configuration also supports NTSC and PAL monitors, and includes S-video and composite video input, as well as output for use with televisions, video cameras, and video recorders.

- 100 & 110-MHz PowerPC™ 601 microprocessor with floating-point processor and 32K cache and 256K level-2 cache
- 8MB or 16MB of RAM, expandable to 264MB
- Apple SuperDrive® 1.4MB internal floppy disk drive
- 500MB, 700MB, or 1GB internal hard disk drive
- 9 built-in ports to support a wide range of peripherals
- Supports one 5.25-inch half-height internal storage device
- Supports one full-height 3.5-inch hard disk drive and one removable 3.5-inch device
- Optional internal CD-ROM drive
- Runs virtually all Macintosh® applications and MS-DOS and Windows applications (special configurations only)
- DRAM display support and Supports up to six SCSI external devices
- Internal expansion slots for three NuBus™ expansion cards
- LocalTalk®- and GeoPort™-compatible serial ports
- Built-in Ethernet and AppleTalk® networking
- AV configuration includes 2MB of VRAM for second display support; S-video input and output ports; and digital-audio video connector

**POWER MAC 6100/66**

**£989**

OTHER OPTIONS

8/350 Config

**POWER MAC 6100/66** **£1,095**  
8Mb Ram and 500Mb HD

**POWER MAC 6100/66** **£1,295**  
8Mb Ram and 500Mb HD with CD

**POWER MAC 6100/66** **£1,599**  
8Mb Ram and 500Mb HD with CD DOS

**POWER MAC 7100/80**

**£1,599**

OTHER OPTIONS

8/250 Config

**POWER MAC 7100/80** **£1,649**  
8Mb Ram and 350Mb HD

**POWER MAC 7100/80** **£1,899**  
8Mb Ram and 700Mb HD with CD

**POWER MAC 7100/80AV** **£1,949**  
8Mb Ram and 700Mb HD with CD and AV

**POWER MAC 8100/100**

**£2,289**

OTHER OPTIONS

8/250 Config

**POWER MAC 8100/100** **£2,395**  
8Mb Ram and 700Mb HD

**POWER MAC 8100/100AV** **£2,995**  
16Mb Ram and 1000Mb HD with CD and AV

**POWER MAC 8100/110** **£3,389**  
16Mb Ram and 2000Mb HD with CD



**CALL CAMELOT ON 0171 383 2727**



# NOW AVAILABLE! ALL NEW Power Macs

## THE PERFORMA 5200 .....

Amazing features, yet amazingly affordable, the Performa 5200CD will bring high-performance multimedia computing within the reach of everybody.



Combining the ultra high performance of PowerPC technology with sound, video, and CD-ROM multimedia capabilities in an all-in-one system that's easy to set up. It runs applications accelerated for Power Macintosh computers at two to six times the speed of Macintosh computers based on the 68040 chip. It uses the new and ultra fast 75-megahertz PowerPC 603 microprocessor and comes with 8 megabytes of RAM, expandable to 64 megabytes. Its 500-megabyte hard disk offers ample room for multimedia storage.

This multimedia computer supports up to 32,000 colors on its built-in 15-inch color display, and includes a quadruple spin CD-ROM player and stereo speakers. With the optional kit, you can connect to any external video or TV source (VCR, camcorder or LCD projection panel) to capture video images, display presentations or view television channels in a window on your display. The 5200CD includes standard features that are expensive add-ons for other computers such as 16-bit CD stereo sound and AppleLink networking and you can also connect peripherals such as external disk drives or scanners and a flexible communications slot makes it easy to add a modem or an Ethernet networking card.

£1,289

OTHER OPTIONS

8/500 CD

### PERFORMA 5200 PLUS

£1,325

With additional 8 CD Titles

### TV/VIDEO KIT

£125

Add TV and Video capabilities

### A COMPLETE SYSTEM - NO HIDDEN EXTRA'S!

- Ready to run, right out of the box
- Easy to set up, learn, and use
- Built-in 15-inch multiple-scan color display running 32,000 colours!
- Tray-loading 4 x spin CD-ROM player
- Runs all Mac applications and those accelerated for Power Macintosh
- Requires no additional software or cables
- Energy-saving features reduces power consumption by 50 percent

## THE ALL NEW POWER MACINTOSH 9500 SERIES .....

### THE FASTEST EVER MACINTOSH WITH 64BIT WIDE DATA - HERE AT LAST

The Apple™ Power Macintosh™ 9500 computers set new Macintosh™ speed, performance, expandability and upgradability standards, which is tremendous news for publishers, engineers and multimedia professionals.

Choose from the Power Macintosh 9500/120 or the Power Macintosh 9500/132, the fastest Macintosh computer ever. With six slots each that support the industry-standard high performance PCI architecture, they're the most customisable, expandable Macintosh computers in history. And PCI technology promises low cost cards for such uses as video conferencing, video production and high speed networking.

Built with the ultra high speed, high efficiency PowerPC™ 604 processor chips, which run at 120 or 132 megahertz, they'll be able to perform faster than ever. That's because they're upgradable, so as faster processors become available, you'll have the opportunity to easily upgrade your computer.

The 9500 computers run virtually all Macintosh applications, as well as applications accelerated for Power Macintosh computers. They can also run MS-DOS® and Windows™ applications using SoftWindows software, available from Insignia Systems.

With its accelerated graphics card, the 9500/120 computer supports all Apple and most third-party displays, including monochrome, colour, VGA and SVGA displays. It supports up to 16.7 million colours on Apple colour displays of up to 17 inches. With the addition of 2 megabytes of VRAM (for a total of 4 megabytes), the 9500/120 supports 16.7 million colours on displays of up to 21 inches. The 9500/132 requires a third-party graphics accelerator for display support.

The Power Macintosh 9500 computers are designed to meet the most demanding power, speed, and expandability requirements of publishing, engineering and multimedia customers.

### POWER AND SPEED

- 120 MHz or 132 MHz PowerPC 604 microprocessor, with floating-point processor and 32K cache, processor upgradability to 150 MHz
- 512K Level 2 cache

### MEMORY

- 16MB or 32MB of RAM, expandable to 768MB

### GRAPHICS SUPPORT

- Graphics accelerator card includes 2MB of VRAM expandable to 4MB (9500/120 only). Supports up to 1,280 by 1,024 pixel resolution

### EXPANSION

- Six PCI slots for expansion cards
- Eight built-in ports to support a wide range of peripherals
- Support for three external and two internal expansion devices
- On-board Ethernet (10BaseT and AAUI)
- Internal quadruple speed CD-ROM drive and microphone included

### COMPATIBILITY

- Runs 68K Mac applications and applications accelerated for Power Macintosh computers
- Runs MS-DOS and Windows applications via SoftWindows from Insignia Systems
- Reads Mac, Windows, MS-DOS and OS/2™ floppy disk formats

### COMMUNICATIONS

- 2 serial ports compatible with GeoPort™ and LocalTalk™ cables
- 16 bit stereo audio input and output ports
- Built-in Ethernet networking
- Background file sharing

### THE POWERMAC 9500/120

1.4MB floppy disk drive, 1GB hard disk drive, quadruple-speed CD-ROM drive, microphone, mouse and system 7.5

16Mb RAM £3,695

32Mb RAM £4,199

### THE POWERMAC 9500/132

1.4MB floppy disk drive, 2GB hard disk drive, quadruple-speed CD-ROM drive, microphone, mouse and system 7.5

16Mb RAM £4,495

32Mb RAM £4,995

FROM ONLY £3,695



CALL 0171 383 2727 FOR ALL THE BEST HARDWARE ADVICE





# THE POWERBOOK



The Apple® PowerBook Duo® 250 computer offers exceptional performance, an active-matrix screen, and plenty of room for expansion. Its performance is comparable to an Apple Macintosh, yet this sub-notebook weighs only slightly more than 4 lbs.

The PowerBook Duo 250 features an advanced 33 megahertz 68030 processor for a powerful performance. There are no cables or networking software needed to use the docking station. The PowerBook Duo 250 comes with all the connections you need to work anywhere - on the road, in a conference room, or at your desk.

The Apple PowerBook Duo 250 has 4 megabytes of RAM (expandable to 40MB), a 200 megabyte internal hard disk drive, and two expansion slots - one for RAM, one for the PowerBook Express Modem to take advantage of the built-in Apple Remote Access software. It can connect easily to a wide range of resources, no matter where you are. File transfer options include System 7 file sharing, SCSI disk mode, and an external Apple SuperDrive® floppy disk drive. And it uses software and batteries designed to provide energy efficiency and long life.

**SPECIAL  
LIMITED  
STOCK**

**AMAZING NEW LOW PRICE**

**£799**

**4Mb RAM & 200Mb HD  
AND ALL LEADS, SOFTWARE & CABLES**



# PowerBook

# DUO

## THE DuoDock RANGE

Once you've worked with Apple's Duo range, you'll be reluctant to return to full weight portable computers. If you work in graphic arts, you'll appreciate the power of Duo and the full range of Docks that enable you to work freely at home and in the studio. If you send faxes, you can use Apple's inbuilt Express modem or the excellent Global Village PowerPort Mercury with software that makes the process of fax sending and receiving a true delight. If you need a colour Duo, the 270C, begins to show you the true capability of portable colour computing. If you need true large screen performance of a Desktop Mac, you'll need to use



*The PowerBook Duo Dock turns your portable computer into a powerful desk-top microcomputer*

Apple's DuoDock or MiniDock system to give you the combination of Desktop and truly portable computing. If power, weight, performance and sheer adaptability effect your life, then the concept of Duos, DuoDocks and the flexibility of the DuoDock range will prove more than invaluable.

### PowerBook Duo 230    PowerBook Duo 250    PowerBook Duo 270c

Processor	Motorola 68030 running at 33MHz	Motorola 68030 running at 33MHz	Motorola LC68030 running at 33MHz with 68882 maths co-processor
RAM Memory	4Mb expandable to 24	4Mb expandable to 24	4Mb expandable to 40
Storage	80mb or 120Mb internal hard disk	200 Mb internal hard disk	240 Mb internal hard disk
Display	16 level Greyscale supertwist	16 level Greyscale backlit active-matrix	8.4" Colour backlit active-matrix
Networking	Built in LocalTalk with Appletalk software included	Built in LocalTalk with Appletalk software included	Built in LocalTalk with Appletalk software included
Expansion Slots	One RAM expansion slot and slot for an express modem	One RAM expansion slot and slot for an express modem	One RAM expansion slot and slot for an express modem
Additional Ports	Docking connector, power adaptor port, serial port & a modem port	Docking connector, power adaptor port, serial port & a modem port	Docking connector, power adaptor port, serial port & a modem port
Size	1.4" x 10.9" x 8.5"	1.4" x 10.9" x 8.5"	1.4" x 10.9" x 8.5"
Weight	4.2 pounds (1.9Kg)	4.2 pounds (1.9Kg)	4.8 pounds (2.18Kg)
Options	External Apple Superdrive	External Apple Superdrive	External Apple Superdrive

**SPECIAL  
Camelot  
Prices**

**FROM ONLY**

**£659**

**FROM ONLY**

**£799**

**FROM ONLY**

**£1,395**



**CALL CAMELOT ON 0171 383 2727**



## THE COMPLETE LAPTOP SPECIFICATION !

- 33 MHz 68030 microprocessor
- 4MB of RAM, expandable to 40MB
- 200MB internal hard disk drive
- Works with an advanced desktop docking station
- 9-inch diagonal, backlit, active-matrix display
- No cables or networking software needed
- Optional external Apple SuperDrive® floppy disk drive
- Optional internal PowerBook® Express Modem
- Built-in LocalTalk® plus Apple Remote Access software
- Includes PowerBook Mobility Bundle - communications, power-management, information-management, and compatibility software

## A FULL ACTIVE MATRIX SCREEN DISPLAY !

There are two different types of PowerBook screen Active Matrix, and Passive Matrix (or 'supertwist'). Active Matrix screens give a far superior display, without 'ghosting' or 'submarining' that is prevalent on all passive matrix models. Ghosting produces faint lines when any object appears on the display and submarining happens as the cursor moves around causing it to disappear at one point and reappear at the other.

Active Matrix screens are far superior but they are far more expensive and typically only appear on the more pricey PowerBooks. Consequently the amazing Active Matrix screen makes this Duo 250 deal even more exceptional value!

# & Docks

## THE APPLE MiniDock

### THE EASY WAY TO CONNECT YOUR DUO 250 TO ALL THE PERIPHERALS YOU USE



Apple MINIDOCK

£249

The Apple® MiniDock turns your Apple® PowerBook® computer into a desktop computer, no matter where you are; by allowing you to connect your PowerBook notebook computer to an external display, CD-ROM drive, or other peripherals. It's lightweight, portable, and convenient. And the simple and practical PowerLatch™ docking technology makes connecting your PowerBook a snap.

The MiniDock has built-in video support for 256 colors and support for most Apple displays and many VGA and SVGA displays. It includes nine built-in ports, including one SCSI port, so it's easy to connect all the peripherals you use. There's even a port to connect an optional external floppy disk drive.

## BATTERIES, CHARGERS & OTHER ACCESSORIES

DUO Floppy Drive  
With adapter (from Apple)

£169

DUO Carry Case  
From Apple

£29

DUO Battery Type III  
From Apple

£69

DUO Battery Charger  
From Apple

£79

# THE APPLE DuoDock



## Docking Station

### THE EASY WAY TO MAKE YOUR POWERBOOK DUO 250 A DESKTOP COMPUTER.

The Apple® PowerBook Duo® Dock is perfect for individuals who want the convenience of a notebook computer and the flexibility of a complete desktop system. It's PowerLatch™ docking technology makes connecting the Apple PowerBook Duo a snap - insertion and removal is automatic. And you can't accidentally release your notebook from the dock, so your data is always protected. The PowerBook Duo Dock comes with an internal Apple SuperDrive® floppy disk drive and includes built-in video support for 256 colors.

The Apple® PowerBook Duo® Dock Plus has all the features of the PowerBook Duo Dock, plus some powerful extras. A 68882 math co-processor and a 230Mb Internal Hard Drive for higher performance are both standard. The PowerBook Duo Dock Plus supports Apple displays up to 17 inches and also includes 512K of Video RAM to make your presentations shine. In addition, it includes two full-size NuBus™ slots so you can add the capabilities you want. The PowerBook Duo Dock Plus features an Apple SuperDrive® floppy disk drive and has room for an additional hard disk. And for quick and easy access to network resources, there's a high-speed Ethernet port option.

The Apple PowerBook Duo Dock Plus utilizes PowerLatch™ docking technology, which makes connecting the Apple PowerBook Duo a snap - insertion and removal is automatic. Since you can't accidentally eject your Duo, your data is always protected.

DUO DOCK PLUS (when bought with a Duo) £399  
With FPU and 230Mb HD

DUO DOCK PLUS £449  
With FPU and 230Mb HD



PowerBook/DUO SCSI Cable Adapter £23

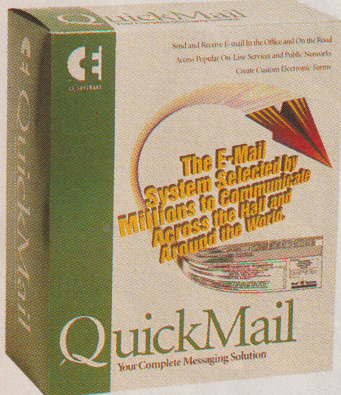
PowerBook/DUO SCSI Cable £25

DUO 4mb RAM Upgrade £149  
From Apple



## WHY E-MAIL MAKES SENSE AUTOMATING THE FLOW OF INFORMATION AROUND YOUR ORGANISATION

Fax was a great invention - paper down the telephone... then came fax modems... sending and receiving faxes direct from your computer... now E-Mail is set to make all fax machines redundant... not says me, but The London Times Oct 1994. So what's it all about? We know that big corporations have been enthusing about E-Mail and the electronic office - more sci-fi and fantasy than real fact. But suddenly... it's all change, every executive is so swamped with paper, phone calls ... in short, communication overload. What E-Mail does is help both the sender and receiver of information, do what he or she wants to do, more effectively. Every E-Mail user



has a unique address, on your computer and through On-Line services. like the InterNet, a worldwide address... that means, that you can make sure your message gets through... a bit like post, with guaranteed delivery.

QuickMail acts as your E-Mail send and delivery system - helping you in both the sending, receiving and information managing functions... in short an automated memo-sending, receiving and reviewing mechanism that'll cut down on the piles of paper you have to deal with - but for graphic arts, E-Mail becomes an entirely revolutionary tool. Imagine you could make up a page in Quark - deliver colour proofs in seconds to clients world-

wide and then manage the incoming proof corrections, while you're at home, asleep in bed. So how does E-Mail work with Quark? - E-Mail is a messaging system that can send messages anywhere in the world - QuickMail - the No1 Mac E-Mail system has a "Job Bag" system called "attachments" that means you can attach to your message, any file from any other application... so send a message to your New York Office - attach the original Quark File, when you go home in London... and when you get into the office tomorrow, New York will have returned your Quark file, attached to an E-Mail.

## EVERYTHING YOU NEED TO SET UP YOUR E-MAIL SYSTEM IN MINUTES

Take it a stage further, use Adobe's Acrobat to create an electronic colour proof of your Quark page... E-Mail it to your customer... and with their own computer, they can view the file, annotate it... then send it back to you, all without having the software, with which you created the file.

QuickMail is the answer for Mac sites - the only one box Mac E-Mail system - that comes with Mac server and DOS and Windows clients in one box. All you do is press "install" and you've got yourself a MailServer in minutes.

### NATIONAL AND INTERNATIONAL CALLS AT LOCAL RATES

With QuickMail you can link to your local InterNet or CompuServe access point and you can communicate worldwide - all for the cost of a local call. If you spend just £250 per month on international calls and faxes, you'll pay back the cost of installing QuickMail in just weeks. No matter where you are, speed, savings and access to 40 million other users... all at the price of a local call... E-Mail can become a powerful weapon for you 24 hours a day, on the road... in the office... communicating with suppliers... streamlining existing lines of communication... or just cutting down on the information overload. QuickMail is the best investment you'll make... saving time... saving money... making more things happen.

### AVOID CITYLINK, DHL, FEDEX, AND UPS CHARGES WHILST IMPROVING COMMUNICATIONS

Getting copy to York or New York has never been quicker or cheaper - using your QuickMail link to the InterNet, your Quark files, reports, contracts and

memos can speed their way across town, across the Atlantic... or across the Hallway... all for the price of a local call. If you consider that running QuickMail can cost as little as a First Class postage stamp per user per day... it won't take many saved courier costs to put a smile on your face....

### AUTOMATIC MAIL HANDLING

As E-Mail becomes more prevalent, users must find ways to handle the overwhelming volume of mail they receive. MailManager from QuickMail automates the process of handling Mail. MailManager has several ways to automate the handling of Mail ...

firstly it can recognise incoming Mail either by sender, subject, urgency... and then it can instigate either an automatic response or a routing to the person who needs to respond... so if you receive an urgent E-Mail from a key customer on Saturday morning - QuickMail can instigate a sending to your home address ... keeping you instantly in touch with the message that really matters

### HOT KEYS, ELECTRONIC MESSAGING - USER ALERTS

QuickMail's QuickConference feature lets you get instant messages onto an individual screen - "Your Mother's on line3" - "Mr HogWash from Vermont in reception" - get realtime information to your users as they need it. Press the hot key for Mike or Bob - just type... and an instant alert appears on his screen.

### WORKING AWAY FROM THE OFFICE

If you need to keep in touch, while you're on the move, E-Mail is the tool you need ...log into your messages wherever you are in the world... and if you program QuickMail to track you down... you can dictate which messages will follow you as you move around the globe city or county... with QuickMail you can decide when and how to stay in touch.

### WHAT RUNNING A MAILSERVER MEANS

Unfortunately E-Mail doesn't run itself... for E-Mail to become a business tool to rely on, someone in your organisation has carry out the important function of backing up data, held on your E-Mail server - giving out the names, linking them to InterNet addresses... fortunately QuickMail's Administration software

helps automate all the administrator's tasks, so that just a few minutes a day, and you'll be in complete control of the information flow in, out and within your organisation.

### WHAT YOU GET IN THE BOX

**QUICKMAIL MAC SERVER** - just click to install - give your users names - and all your people can communicate with each other.

**QUICKMAIL CLIENTS** - QuickMail comes in 1,10,50 and 100 packs - just click to install the client you need - Mac, Windows, DOS....

**QUICKMAIL FORMS** - automate information flow - electronic forms for expenses, holiday applications... reduce the need for paper forms, automate the approval process... create your own QuickMail Forms in minutes.

**MAILMANAGER** - automates the process, of sorting, routing and prioritising mail - set up automatic responses to regular requests... route others... Mail Authentication Tool - checks that respondents have received your mail, checks they've read it and feeds back to you on the status.

**QUICKMAIL REMOTE** - gives you access to the complete E-Mail functions of your MailServer, wherever you are in the world.

**QUICKMAIL BRIDGES** - link your E-Mail system to the outside world - free in the box you get 4 bridge packs - QM-QM Bridge, joining two pre-determined **QUICKMAIL SITES** - QM Direct, direct access from any other QuickMail user - QM - AppleLink Bridge, linking you into the world of AppleLink - QM Script, enables you to write your own custom bridge, comes with several pre-written scripts, including CompuServe.

Link your QuickMail system to InterNet E-Mail services, giving low cost instant access to 40 million InterNet users worldwide - with StarNine's SMTP Bridge, call your Camelot InterNet account executive on 0171 3832727 for costing.

Quick Mail **£99.00**  
SINGLE USER **NOW ONLY**

5 USER ..... **£299.00**  
10 USER ..... **£399.00**  
50 USER ..... **£1,499.00**  
100 USER ..... **£2,499.00**

# FAX, MODEM & REMOTE ACCESS



How to get more from your modem without leaving your desk

**O**utbound Fax is becoming as important a network service as printing itself. Installing Global Village's ingenious but simple ONEWorld FAX gives all of your users shareable outbound fax, just as you give them shareable printers. No complicated software to install on each node, just plug in the ONEWorld Server and everyone has instant access to outbound fax. Choose between AppleTalk single line model and the twin line Ethernet model.

Centralising fax operations avoids the need for individual stations having their own modems and fax lines and gives

fax servicesto all and any users attached to the network.

AppleTalk Remote Access (ARA) allows remote users to dial into your network as if they were in the room next door without the need to permanently keep telephone lines open. You use the airtime you pay for.

Global Village wrote much of Apple's ARA for Apple and are acknowledged ARA experts. Global Village's ONEWorld ARA server gives you a secure gateway with one line or two, logging and security that ensures you only let the people you want to access your network, do so. ONEWorld ARA is the

simplest, cheapest way to give controllable remote access to your network. Limited to two access lines ONEWorld ARA comes in one line LocalTalk version and twin line EtherNet version.

Global Village's ONEWorld family of servers give you simple entry level Fax and ARA servers which you can build upon. Just like you have several printers on the network, you can build your ARA and Fax server strategy by increasing capacity as demand rises, all by starting with ONEWorld as the lowest capital cost dedicated server.

### NET MODEM 1 PORT ETHERNET

28,800 Modem services from any desktop...InterNet, AppleLink, Direct Transfer... direct

**£799.00**  
NOW ONLY

### NETWORK FAX 1 PORT ETHERNET

Fax, and Direct Modem transfer ... direct from any Mac on your network... as easy as printing

**£899.00**  
NOW ONLY

### COMBO 0 PORT

Combined Fax, modem and AppleTalk Remote Access direct from any Mac... just add modems

**£999.00**  
NOW ONLY

### COMBO 2 PORT PLATINUM

Combined Fax, modem and AppleTalk Remote Access direct from any Mac... 28,800 modems included

**£1,299.00**  
NOW ONLY



CALL CAMELOT ON **0171 383 2727**





## INTO THE NET WITH GLOBAL VILLAGE

In the next issue of the Camelot catalogue, we share with you how to get the most out of the Internet, what's really useful...what's fun to peep at once...and what to avoid...in the meantime here's a taste...

### JOIN THE INTERNET WITH CAMELOT AND SEE WHAT YOU GET

- Free one year subscription to Wired - the No1 Internet magazine
- Free 28,800 Global Village Teleport Mercury modem (MacUser June 1995)
- Free Internet connection and Browsing software from NetScape
- Direct connect to our London InterNet Centre gets you mere Mac 28,800 modem access than any other London site all at a fixed price per month.

### HOW THE INTERNET WORKS

You plug in the modem we give you... and you're away browsing... or surfing the Internet... all at the price of a telephone call.

### WHAT'S GOOD TO SEE ONCE ON THE INTERNET - WHAT LASTS?

- Pop into the user forums of your favourite software... peep at porn...news...weather... browse online versions of newspapers and magazines
- Best for Quark... DTP Internet Jumblist... Bob Gale's XPresso Bar...
- If you're wanting to publish Web pages using Quark... Astrobyte's Quark Xtension Beyond-Press... takes Quark pages and turns them into fully formed HTML pages
- E-Mail on the Internet
- E-mail to 50million other subscribers all for the price of a local telephone call
- Have fun with CU-See-Me
- Free Teleconferencing FreeWare from Cornell university lets you see your opo on the InterNet

..... just call us and we'll have you on the Net within hours  
.... 7 days a week .... 24 hours a day

Teleport  
GOLD

£129.00  
NOW ONLY

Teleport  
PLATINUM

£229.00  
NOW ONLY



# FAX modems

## No1 Macintosh Fax Modem Modem Family

### PRINT DIRECT FROM WP OR DTP

No need to quit what you're doing, you've got full access to the complete world of fax and data directly from within the document you're working on. Fax someone a proof in seconds. Send your boss the spreadsheet just as you're working on it.

### FULL 200 DPI FAX

GlobalFax locks onto the remote fax machine at the full resolution of Group 3 fax, avoiding the fuzzy quality associated with many PC Fax modems.

### MULTIPLE FAXES TO MULTIPLE DESTINATIONS

Simply enter the fax numbers you want to send each fax to, and GlobalFax handles the calling, retries and logs the time and date of each successful transmission.

### CREATE TIMED SENDINGS AND CUT YOUR PHONE BILL

Time faxes to get the best of cheap rates, even time a fax to arrive when you know the other party will be there and looking at their fax machine.

### ADDRESS BOOK WITH INDIVIDUALS & GROUPS

Build up your own address books by individual, groups and combinations. Control of your fax now becomes reality.

### INCREASE THE SPEED TO 28.8

Top speed of 28,800 bps with V42 data compression is needed for big files, long faxes or linking with AppleTalk Remote Access.

### APPLETALK REMOTE ACCESS NEEDS THE POWER

Link your remote Mac to your network and you've got access to all network services, E-Mail, the files on each and every computer, the latest sales figures, on-line access to account status..... But you'll need the speed. Gold is Five times faster than the old Bronze.

### CHOOSING THE SPEED AND SPEC

GlobalFax software works the same with all Global Village TelePort products. TelePort external modems fit all desktop Macs. The PowerPort range provide similar specs, but as completely portable internal devices for Powerbooks, fitting inside the modem port. In both TelePorts and PowerPorts the Gold is faster than Bronze.

### SEND AND RECEIVE

The FaxCenter records, logs and controls both incoming and outgoing fax traffic. Redials, records errors, the time and date of faxes as you receive them, fax number of sender....

### MULTIPLE DOCS IN ONE FAX

GlobalFax's envelope system lets you build each fax from multiple files. A simple click and drag into an envelope lets you attach an invoice to your memo, scan in the delivery note and attach it too, all without disturbing your original files.



GLOBAL VILLAGE  
COMMUNICATION

## TELEPORT FAX MODEM REVIEW

If you use fax and you've got a Macintosh you shouldn't live without a fax modem. If you're unfamiliar with the jargon, worried about the wires or simply don't feel the need, you haven't heard of Global Village TelePort.

If your Mac is a PC made easy, then a Global Village Fax Modem is fax, data transfer and on-line services made for the Macintosh.

Write a memo, print it out, put it in the fax machine, dial the number, wait, redial - all too familiar monotonous grind of day to day faxing.

Suppose that instead of printing to your printer, you could print to the other person's fax direct from your own Mac. All you have to do is select fax in your 'Chooser', enter the fax number, then 'print' - it's as easy as that. All you do is connect your Global Village Fax Modem to your serial port on the Mac, just like a printer. Connect the other end of your Global Village TelePort to a telephone jack plug with the cable provided and you're now connected to the wide world of fax and on-line data. Installing the GlobalFax software needs a simple double-click and you're away. Although not yet BT-approved, Global Village TelePort beats all other fax modems because it's built from the ground up as a Mac product.

The darling of the Mac press, Global Village TelePort gets rave reviews from MacUser, MacWorld, MacWeek and more. Three years after its first unveiling, Global Village TelePort has matured from being a great idea and a great product with a few annoying quirks, to a full mature family of fax modems, with the same consistent and well thought-out software across every product.

## POWERPORT FOR THE POWERBOOK

Global Village PowerPort Platinum and Mercury are unique in providing 28800 communications for the full range of Macintosh PowerBook computers - just choose the model you need - it's easy to fit - fit it yourself - or we'll fit it in our London workshop - for just £20.

PowerPort provides the best Powerbook modem solution beating Apple's own consistently on reliability and spec.

PowerPort  
100 series  
PLATINUM £329.00 NOW ONLY  
200 series (Duo)  
500 series  
MERCURY £329.00 NOW ONLY

## GLOBAL VILLAGE FAX MODEMS

### GOLD

### PLATINUM

### DATA COMMUNICATION

Data Access	14400; 9600; 4800 2400; 1200; 300 bps CCITT V.32bis, V32 V.22bis, V22, V21; Bell 212A, 103	28000, 2640, 024000 19200, 14400, 9600bps CCITT V.34, V.FCV.32bis V32, V23, V22bis, V22, V21 Bell 212A, 103
Data Standards	Synchronous (autosync), Async.	Synchronous (autosync), Async.
Data Format	MNP5, V.42bis MNP2-4, V.42 (LAP-M)	MNP5, V.42bis MNP2-4, V.42 (LAP-M)
Data Compression		
Error Correction		

### FAX COMMUNICATIONS

Fax Send	14,400 bps (V.17)	14,400 bps (V.17)Fax
Receive	14,400 bps (V.17)	14,400 bps (V.17)Fax
Standards	Group 3 Compatible E1A-578 Service	Group 3 Compatible E1A-578 Service

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## TIMBUKTU Pro



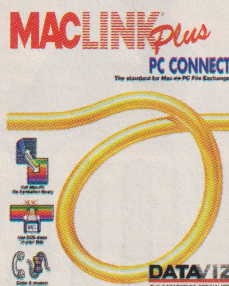
The easiest way to link a Mac to a Mac - a PC to a Mac - across telephone lines or across a network - Ethernet or AppleTalk. Timbuktu's Remote function enables you to take control of the remote computer if you need. Needs a separate license number at each end.

**£139.00**  
2 User Pack

TIMBUKTU PC  
**£89.00**

PC Appletalk Card  
**£125.00**

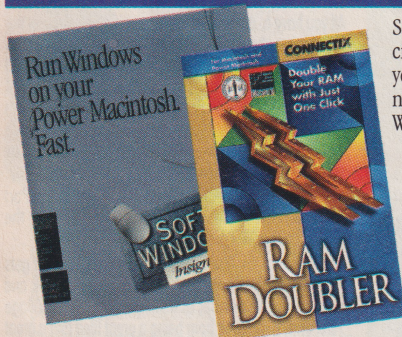
## MAC LINK PLUS



Full File translation program. Mac to Mac. Mac to PC. PC to Mac. Translate from Ami Pro to WordPerfect to Word to PageMaker and over 200 different formats - essential.

**£79.00**

## SOFT WINDOWS & RAM DOUBLER

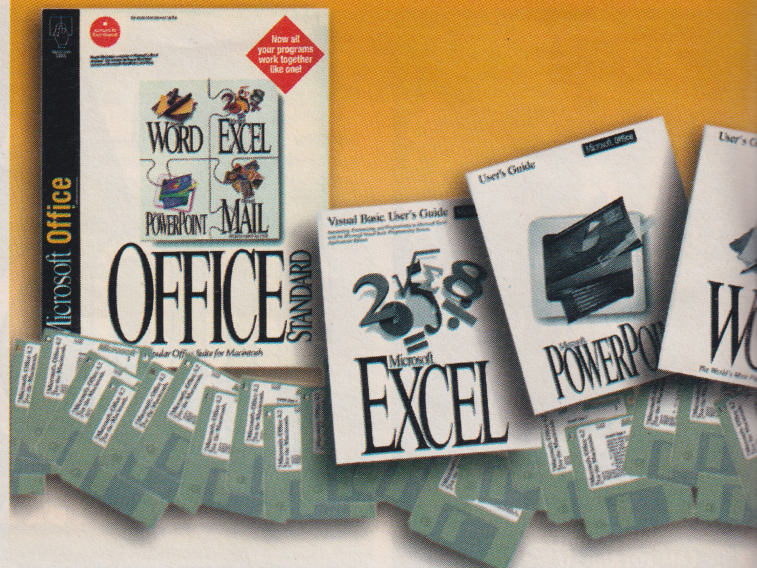


Supercharge your PowerMac... with this special bundle pack... RAM Doubler frees up your allocated RAM for use where you really need it... SoftWindows turns your Mac into a Windows PC that runs Windows PC software.

**BUNDLE SPECIAL !**

**£69.00**

**FOR BOTH!**



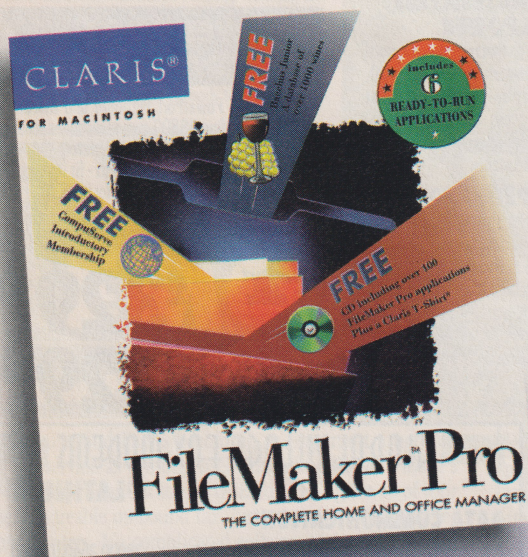
Programs in Microsoft Office work together like one. You get the leading full-featured products for Macintosh that let you combine text, data and graphics anyway you like... knowing one program helps you know them all. What's more... Microsoft's IntelliSense technology helps the programs sense what you want to do. Microsoft Word 6.0 - Every day is easy with features like AutoCorrect that can

automatically fix common typos, Wizards that build Newsletters... and improved Mail Merge... just what you need. Microsoft Excel 5.0 - It works the way you want to... instantly add new data to a chart with Drag and plot... take the routine out of working data with AutoFilter, Sort and Subtotal. Microsoft PowerPoint - present your ideas more effectively using autocontent and Pick a Look Wizards. FREE MSmail client.

**OFF**  
Yes, you get packaged version of Works the

**£2**

# Microsoft Of



With FileMaker's ease of use and the ready to run applications, you can be managing your data within minutes... it has never been easier to be in control of data, whether you use Mac or PC.

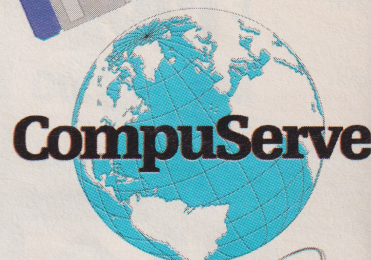
**£99.00**  
LIMITED OFFER

**FREE**  
READY-TO-RUN APPLICATIONS

**FREE**  
COMPUERVE INTRODUCTORY MEMBERSHIP

**FREE**  
CD & T-SHIRT  
CD contains over 100 FileMaker Pro Applications

**FREE**  
BACCHUS JUNIOR DATABASE OF OVER 1000 WINES



To develop a database used to be the black art of the programmer. FileMaker pioneered the concept of making database writing something we all can do easily... and on both Mac and PC

FileMaker is still unique in its powerful yet straightforward way to manage data. Because it's built to run in a network... all you do to add a second station to your database... is install another copy of FileMaker

on another Mac or PC... click on Open... Network and in seconds... your second station is up and running. Fully protected by passwords... your data is both safe but available easily to your people who need it.

# FileMaker Pro



CALL CAMELOT ON **0171 383 2727**



# MICROSOFT OFFICE

The latest version of Microsoft office - choose between Mac and Windows versions - both the same price. Both versions are functionally almost identical... bringing you the best of WP, spreadsheet and presentation... all with integration...

FULL VERSION 4.2.1

£369.00 NOW ONLY

# LEARNING OFFICE

If you're a Mac buyer of MS Office you'll know you've chosen the best when you fully master the depths of Word Excel and PowerPoint...when you buy MS Office from Camelot here's the chance to buy the best training videos... get 11... pay for 4.

Learn from 11 videos pay for just 4.....

£189.00 SAVE OVER £250

# UNDLE SPECIAL CE & WORKS

Full retail version of MS Works the Full (brownbox - non retail Office 4.2.1) CCU - just load MS Office - save £70...

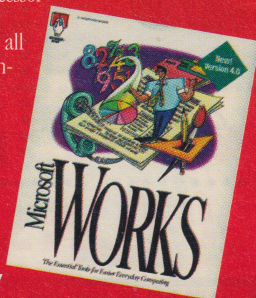
99.00 NOW ONLY

ice

# WORKS 4.0

Integrated Word Processor Spreadsheet, Drawing package and Database, all with the same award-winning interface. Coming from the pedigree of MS Office - MS Works wins awards for its simplicity and ease of use.

£59.00 NOW ONLY

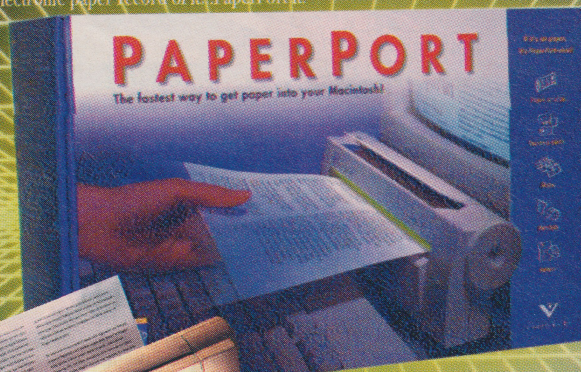


# PAPERPORT

GET THE ELECTRONIC PAPER OFFICE...

Just 6 seconds to scan an A4 document into Mac or PC... and if you're becoming overwhelmed by paper... there's no better way of getting back in control. Visioneer's PaperPort helps you file documents, fax them, print them... even print to PaperPort documents from within your own applications. If you want an electronic paper record of it, PaperPort it.

£339.00 NOW ONLY



## AT LAST YOUR MAC PAPERLESS OFFICE

- Scans any bit of paper directly into your Mac. Fits between your keyboard and monitor.
- Scans documents in less than 6 seconds and displays an instant digital page on your screen.
- No on/off switch - the PaperPort™ automatically knows when you feed it. Handles virtually any type of paper at any time.
- Fax direct from your Mac and you never send paper again!
- File and find anything on your Mac quickly - keyword search.
- Turn Your Mac into a copy machine. Just send your filed copy direct to a printer and you've just made a copy.
- Print from any application to PaperPort file.
- PaperPort™ storage and communications "command center" has links to printers, fax and OCR!

MACWORLD  
USA May 1995  
★★★★★

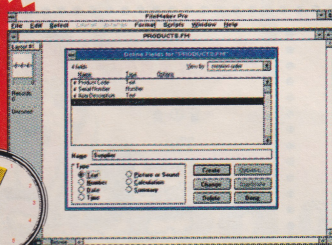
VISIONEER

# FileMaker Pro

## BUILD A DATABASE IN TWENTY MINUTES

NO TEDIOUS CODING OR PROGRAM LEARNING. YOU JUST SET THE DATABASE TO WORK THE WAY YOUR PEOPLE WORK.

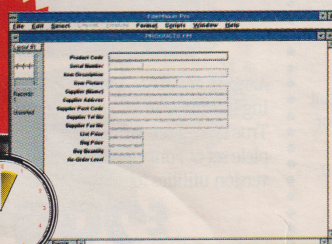
1



## CREATE THE FIELDS YOU NEED

Simply select New File in the FileMaker menu and type in the names of your data fields one after the other. Don't worry about field length, indexing or positioning - FileMaker Pro takes care of that for you.

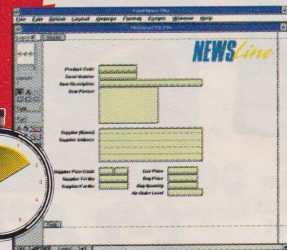
2



## CREATE YOUR INPUT SCREEN

Filemaker Pro puts the fields right into your input screen. Drop and drag each field onto your input screen to create the layout you need.

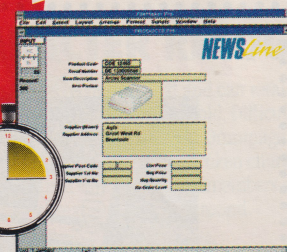
3



## CHANGE YOUR INPUT SCREEN

Adapt your input screen for different applications within the company. Reception staff taking catalogue requests need one input sequence, whereas typists inputting data from response coupons need another.

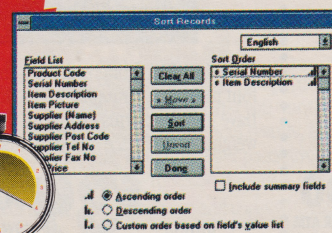
4



## INPUT YOUR DATA

Just type and go, input data field by field, just as simple as typing and entering. Import data directly from word processors, spreadsheets or databases, directing the data to the fields you've just set up.

5



## SORT THE OUTPUT YOU NEED

Point and click lets you sort the data you need. Output to screen for instant on-line queries. Output to labels and mail merge, to mail the people you've input today.

Now you've got a productive database in under 20 minutes.

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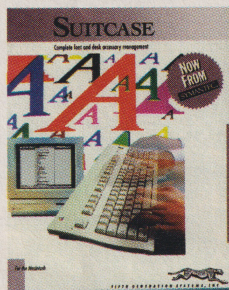
# THE CAMELOT GUIDE TO THE BEST MAC UTILITIES AVAILABLE

# UTILITIES

## SUITCASE 2.1.4

**£49.00**  
NOW ONLY

If you use fonts you'll need Suitcase - to organise them - to give you the fonts you need - when you need them. Suitcase's unique system avoids fonts swamping your system... needs version 2.1.4 or later to work on PowerMac. Essential for all DTP users.

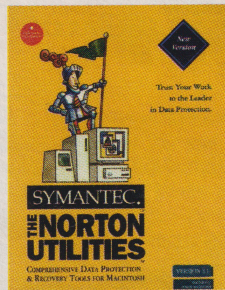


Compatible  
**PowerPC**

## NORTON UTILITIES

**£89.00**  
NOW ONLY

No Mac user should be without this essential toolbox of prevention... cure and efficiency panaceas. From Norton's Disk Doctor... when you have a disk playing up... right down to back-up... disk optimisation and verification... you'll always get better with Norton.

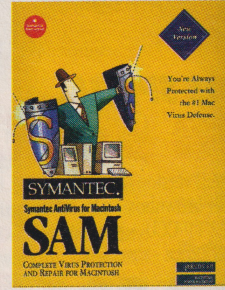


Compatible  
**PowerPC**

## SAM ANTI-VIRUS

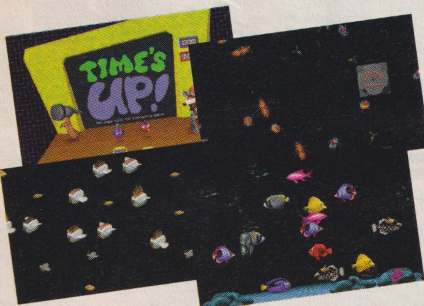
**£69.00**  
NOW ONLY

If you've ever lost work through having a virus... you'll know that having the latest version of SAM on your system is not so much a precaution... more of an essential to insure yourself against system disaster. You never know when the grim reaper will strike.



Compatible  
**PowerPC**

## AFTER DARK THE ULTIMATE SCREEN SAVER

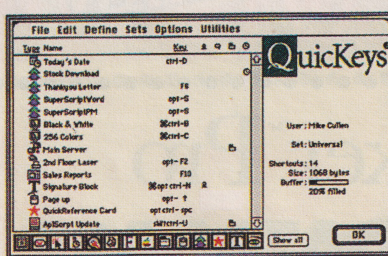


Screen savers serve a genuine purpose... or so they say... avoid screen burn in... or give yourself hours of distraction with the zany modules of After Dark. Flying toasters... screens that make your Mac look like its melting or suddenly has it become a PC...



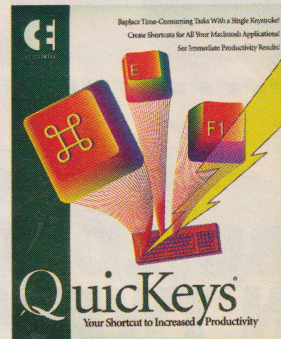
**£24.00**  
NOW ONLY

## QUICKKEYS



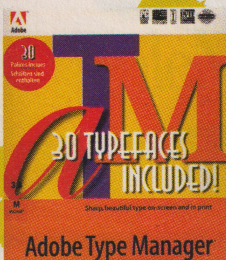
Automating what you do everyday on your Mac saves hours a week... what QuickKeys does... is make setting up routines easy... able to simulate any key-stroke combination... mouse movement, click... double click or command... QuickKeys understands... what if? either/or... the shortcut to automation.

## AUTOMATE YOUR MAC



**£89.00**  
SPECIAL

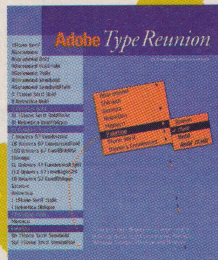
## ATM 3.8



Essential utility for all DTP user - avoid jagged type rendering on screen. PowerMac users should use version 3.8 or later. SuperATM includes Type Reunion.

**£39.00** **£49.00**  
ATM SUPER ATM

## TYPE REUNION



Type Reunion shortens the length of your font menus, by grouping all the fonts you have into submenus - showing the different weights of each face - saves hours.

**£39.00**  
NOW ONLY

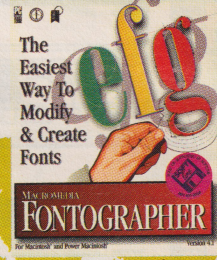
## ACROBAT PRO



Convert your DTP files to Acrobat's PDF format and they can be read on any computer Mac or PC... without the original program. Annotate changes and send them back to you.

**£329.00**  
NOW ONLY

## FONTOGRAPHER



Altering any font... creating fonts... converting from Mac to PC... PostScript to TrueType... Fontographer... is the most complete set of Font creation tools and font conversion utilities for Mac or PC

**£299.00**  
NOW ONLY



## RUN SHARE

Ever had the problem of files taking ages to copy over the network????...then, whether you're running EtherNet or LocalTalk.... RunShare will give you up to 4 times more speed... just with software that increases the useable bandwidth of your existing network.

3 USER PACK

Compatible  
**PowerPC**

**£89.00**

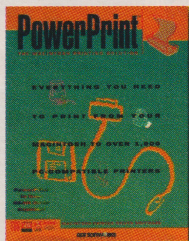


## POWERPRINT

Link almost any PC printer to your Mac... PowerPrint is unique... it's the only solution that really works. Easy to install software... and a cable that plugs into your Mac's printer port and your printer's parallel port. Call us for a fax list of all the printers supported.

NOW SUPPORTS  
HUNDREDS OF PRINTERS

**£99.00**



## MYOB

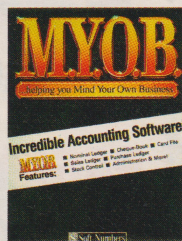
"Quite simply this is the best accounts package I have seen"

Financial Times

- Nominal Ledger
- Purchase Ledger
- Cheque Book
- Stock Control
- Sales ledger

FREE 12 MONTH SUPPORT

**£149.00**



## CLARIS WORKS

The all in-one Word processor, Spreadsheet, Database, Graphics and Communication package... ease of use... integrated... so you never have to quit one function to use the next... powerful.

NEW LOW PRICE

Compatible  
**PowerPC**

VERSION 3  
**£79.00**



ClarisWorks

## DISK DOUBLER

Disk Doubler saves you more, faster and easier, than any other compression product... Expands files at unmatched speeds. Single click compression, total control, complete file security and safety.

"Disk Doubler rates as the best of its kind"

Steve Bobker MacUser USA

**£39.00**



## FOUR TOP UTILITIES

FROM

Apple Computer, Inc.

### REMOTE ACCESS

### APPLESHARE



Set your network up... so that authorised remote clients can access... but just the parts you let them... as if they were in the next door room. Easy to install.

Personal Server

**£119.00**

ARA Client

**£39.00**



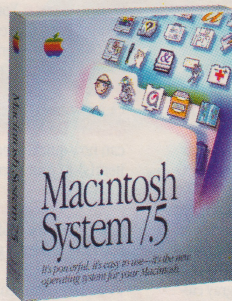
Install AppleShare 4.0.2 on any dedicated PowerMac and you'll have the power of an AWS - control of print queues - network efficiency - audit trails - access rights - just what you need to stay in control.

AppleShare  
**SERVER**  
NOW ONLY

**£989.00**

### SYSTEM 7.5

### DIAGNOSTICS



Update to Apple's latest system... choose the CD or disk version. Just click to install... think of the time you'll save with Apple's neat improvements to the way you work.

**SINGLE USER**

**£59.00**  
NOW ONLY



Monitoring your hardware and software makes sense... Apple Personal Diagnostics warn you when something's amiss and tells you what to do to sort it.

**PERSONAL DIAGNOSTICS**

**£39.00**  
NOW ONLY



## OMNIPAGE PROFESSIONAL

**£339.00**

## ..... OPTICAL CHARACTER RECOGNITION ON THE MAC

Omnipage Professional scans and recognises text and can retain the original format if required. Tabs, indents point sizes, leading, bold. Difficult OCR... faxes and documents where letters can touch, you can train Omnipage Pro simply by scanning a document and recognising by eye, either broken characters or character pairs which touch. Once learned Omnipage Pro remembers and recognises even the hardest pairs or character break-ups next time round.

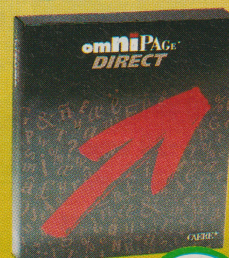
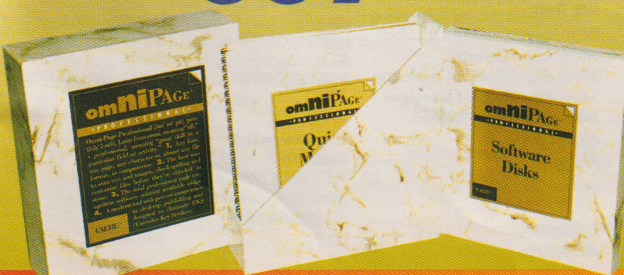
- CUSTOMISE CHARACTERS
- INTERACTIVE SPELL CHECKING
- ANYFONT TECHNOLOGY
- VERIFICATION WINDOW
- MULTIPLE ZONES
- VDOT MATRIX READER

Automatic text recognition direct into your WP or DTP, just point and click and Omnipage Direct will do the rest. All you do is specify whether you want flowing text or tabular. Adjust the brightness or contrast to get better read results, but if you want Omnipage to read faxes or documents with touching letter pairs, even broken letter formation you'll need to upgrade to Omnipage Professional.

Omnipage Direct saves hours of typing, is simple to use and copes with most OCR tasks

## OMNIPAGE DIRECT

**£59.00**



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**LETRASTUDIO** Display typography and special effects - subtle or sweeping transformations to text and graphics with unique ease.

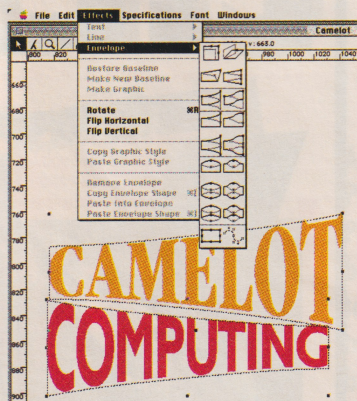
Type text directly into the image, even in circles or ellipses. Kern with unsurpassed accuracy. Apply curves to baselines, or adjust circular baseline size or shape, then fine-tune with Bezier controls.

Import line drawings from Illustrator and Freehand. Add PANTONE® Color to outlines and interiors, and use the

unique Superoutline for extra definition.

Replicate, group, position, align work directly on screen with full hands-on control, and yet specify the finest adjustments via dialogue boxes. Use envelopes to transform text and graphics together; or apply an existing envelope shape, or make free-form transformations using Bezier controls. Print your image on any QuickDraw or PostScript printer or imagesetter, or save it for use with drawing or page layout programs.

**LetraStudio ... the power to transform**



Think of LetraStudio as the lettering artist's graphics program. Bend, stretch, squeeze, contort and distort to unlimited size in increments as fine as .01 point. Create finished logos, display typography, labels, banners or just simple custom characters. Import files from Illustrator, FreeHand or Type 1 PostScript fonts or use Letraset's range of Fontek fonts which give you access to some of the old Letraset favourites not currently available from Adobe. LetraStudio is the ultimate tool for manipulating type and line graphics and is designed as an integral part of the display designer's Macintosh tool kit.

**LetraStudio®**

custom display typography  
Tiefsatz und Modifikation  
création de titres  
elaboración de titulares creativos  
produzione e distorsione di caratteri display  
full typistkontroll  
logo-ontwerp en koppenzetten

**Letraset®**



**£169 ONLY**

**LETRASET**  
FOR TEXT TRANSFORMATION  
**LETRASET**  
FOR GRAPHICS TRANSFORMATION

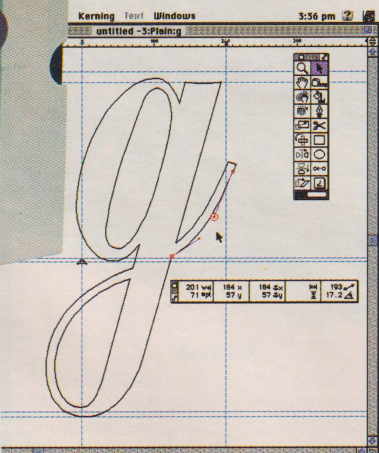
**4 ESSENTIAL PUBLISHING TOOLS .... from the market leaders in DTP**

**FontStudio**

... the complete professional font creation and transformation tool  
**Letraset®**

FontStudio battles for control of the font creation business with Altsys Fontographer, and wins hands down on precision and its easy interface, making font creation intelligible to the majority of production designers.

Creating fonts is a detail business where precision and consistency count for all. FontStudio combines in one program the functions of Fontographer and Metamorphosis. The heart of the program is a font creation capability which creates both bitmaps and outlines for screen and printer fonts.



**£199 ONLY** **MAC ONLY**

**".. It's plain as soon as you get started that FontStudio is the more accomplished of the two - more expertly designed, with more functions and a more professional**

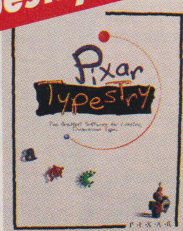
**MacWorld**

**Typestry**

... 3D Type at the click of a mouse!

Pixar Typestry turns fonts into 3D type faces to use in logos, brochures, ads or presentations. Create shadow and highlight from 3D lighting effects or apply a number of standard effects from perforations, gels or motion blur.

**£159 ONLY**

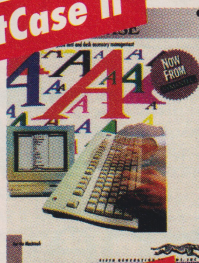


**SuitCase II**

... manage your PostScript fonts!

Collect and group fonts as and when you need them. Save system memory, make your Mac far more efficient, control your workloads and optimise your throughput. An absolute must for all DTP professionals

**£49 ONLY**

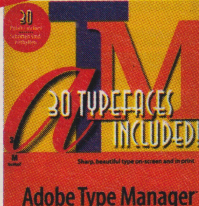


**Type Manager**

... remove unsightly font jaggies!

Essential Mac utility that displays fonts without the unsightly jagged edges on screen. Makes text smoother, easier to read on screen and when printing. SuperATM includes recognises the widths of fonts that are missing from your system and displays correct width type. Includes free Adobe Type Reunion.

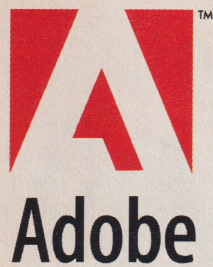
**£39 ONLY** **£49 ONLY**  
**Adobe Type Manager** **Super ATM**



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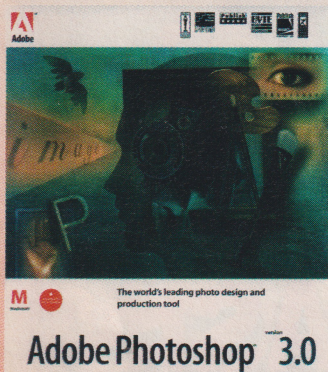






# Photoshop

## PC AND MAC Photoshop 3.0



**LOWEST PRICE EVER!** **£299**  
When purchased with a scanner

Adobe Photoshop 3.0 offers previously unimagined possibilities in terms of image processing on the Macintosh. The new features enable easier, more intuitive creation and production than ever before.

**LAYERS:** The most important new feature addresses the field of design. Photoshop 3.0 enables designers to work in several layers; image composition and editing is therefore made simpler. The layers work like transparent foils. Objects can be painted, copied and modified on every layer, without changing different elements or the background at the same time. Layers can be named and arranged as you like.

**SELECTIVE COLOR CORRECTION:** Colours can now be corrected by entering percentages for individual process colours. Unusual colour effects can also be created by the user. In this situation, the new function 'Replace Color' comes in handy. Within a mask based on certain colours, those colours can be changed by adjusting Hue, Saturation and Brightness.

**NEW FILTERS:** Images can be enhanced by means of patterns and light effects. Reproduction faults originating from the image itself or the scanning process, as well as dust and scratches, can be removed by means of another new filter.

With the selection of filters can make use of a further new feature which helps to define individual filter modules. All the effects can all be checked in a preview window.

**PREVIEW OF CMYK:** You can preview CMYK colour values in an RGB image prior to converting an image to CMYK mode eliminating the need for mode changes until the image is ready to be output.

**MODIFIED USER INTERFACE:** offers palettes similar to file cards, which can be freely combined. They simplify job organisation. A new palette enables you to dictate the shape of your onscreen working environment. And as far as painting is concerned, all you have to do is place the cursor on the image to check the paintbrush size.

**SELECTED EDITING:** lets you edit parts of an image without needing the whole image to be loaded.

## ...send your Photoshop Images Into Hyperspace!

You know the story. Adobe Photoshop is a great product, but even the fastest acceleration cards can't keep up with your creativity. Well, all that has changed with the Radius PhotoEngine the fastest accelerator specifically built for people who live and die by Adobe Photoshop.

PhotoEngine supercharges the most time-consuming Photoshop functions, even if you're using a Power Macintosh, thanks to four digital signal processors (DSPs). Most accelerator cards have only two. In fact, cards with two DSPs actually slow down many Photoshop functions on Power Macintoshes.

PhotoEngine also features Adobe-charged certification, so the results you see with PhotoEngine are identical to unaccelerated images. This certification also means there are no additional menus to learn. And PhotoEngine's compact 7-inch NuBus design means you'll get the most out of Photoshop on nearly any Macintosh.

If you want to take your Photoshop images beyond fast - all the way to hyperspace - Radius has what you're after.

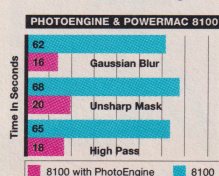
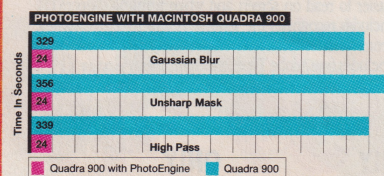
The absolute fastest Photoshop possible PhotoEngine's four digital signal processors (twice the number of ordinary accelerator cards) give you unheard of performance improvements on the most time-consuming Photoshop functions. Even if you have a Power Macintosh, you will notice a substantial improvement in speed. And PhotoEngine's 128KB of static RAM and fast NuBus 90 interface ensure that all four DSP processors are fully utilized, giving you optimized performance all the time.



**£779**

# PhotoEngine

...just look at the amazing speed advantages of Radius PhotoEngine!



As an Adobe licensee, Radius has access to key Photoshop bottleneck routines. So the results you see with PhotoEngine are visually identical to unaccelerated images. And since PhotoEngine uses existing Photoshop menus, there's nothing new to learn - making the card simple to install and remarkably easy to use.

Working with your Macintosh, PhotoEngine's 7-inch design gives you compatibility with all NuBus-based Macintosh computers including all Centris, Quadra, Macintosh II and Power Mac models.

PhotoEngine, like all Radius board products, comes with an exclusive Lifetime Warranty. If for any reason the PhotoEngine product fails to work as promised, Radius will provide free replacement of a new one.

# Adobe Photoshop FILTER



## ESSENTIAL PH

### KPT BRYCE HSC SOFTWARE



...a totally new way to design and render natural and supernatural landscapes and terrain...

**"I've been using Bryce for stunning skies as backdrops for my photographs. This tool is limited only by the imagination!"**

**PIETER LESSING**

"Bryce is an awesome combination of 3D sophistication... that seduces you into hours of imaging" "Finally... a 3D program that even a kid can use" Choose from 4 palettes...

- Create - Choose your ground, sky water add your props... cliffs... woods... every object you need...
- Edit - resize... define terrain boundaries... switch between wireframe and texture... instantly...
- Sky&Fog - atmospheric fog, depth haze, sunlight... tweak the direction, colour, intensity... clouds... create stunning skies as backgrounds
- Render - endless textures... water, waves... clouds vapor... sand, marble, mud, glass... frost, ice... metals, mirrors... anything artificial or real.

**£99.00 ONLY**



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# shop THIRD PARTY ERS

1 3D wraparound effects from Andromeda Series 2, 3, 4, 5 & 6 show a fraction of the amazing Kai's Power Tool filter effects and 2 shows a small sample of the design features available in Andromeda 1



... the  
**ESSENTIAL**  
collection of  
**Photoshop**  
**FILTERS**  
available today

As a straight companion to Adobe Photoshop 3.0, Camelot's collection of Photoshop filters provide you with capabilities unavailable to traditional photographers. These filters allow you to transform images, apply mind boggling brushstrokes and paint overs, wrap images around three-dimensional objects, and produce a plethora of textures, fills, gradients and vignettes. They are all seamlessly loaded into Photoshop, easy to use and usually compatible with any application that supports the Photoshop plug-in format, including Painter 3.0, VideoShop, Color It, Specular Collage, Canvas, Adobe Premiere, StrataVision 3D, and Ray Dream Designer.

## OTOSHOP TOOLS FROM HSC SOFTWARE

### KPT CONVOLVER HSC SOFTWARE



The problem with Photoshop's inbuilt image filters is that you can only use them one at a time. That means that you have to commit to one step... before trying the next one.

KPT Convolver is like having all your filters... Find Edges, Hue, Colour Balance, Emboss, Brightness, Sharpen, Blur... all open at the same time... and more. It is the combination of these effects that puts thousands of real filters at your fingertips...

*"...indispensable tool for everyone working with scanned or PhotoCD images!"*

PIETER LESSING

Within Convolver, you'll find working tools to enhance substandard scans... finding detail and structure, you'd never have believed were there. Virtually unlimited sharpen/blur, Unsharp masking Gaussian blur - whether it's to bring out fine detail in

**£89.00**  
ONLY

### KAI'S POWER TOOLS VER 2.0 - HSC SOFTWARE



Kai's Power Tools is undoubtedly the most important set of plug-in filters available for Adobe Photoshop.

**33 BASIC NEW DESIGN TOOLS....**

*"If you create graphics on the Mac, you need this package"*

MacWEEK

*"Phenomenally powerful suite ... an additive quality... no end to the effects... the ways you can apply them... the artwork you can create"*

MacWORLD

*"Anyone who uses Photoshop should rush out and get this package now"*

MacUSER UK

**INCLUDES FREE COLOR IT 2.0**

**£99.00**  
ONLY

### POSER FRACTAL DESIGN



**POSER** - is the only application for creating real life-like humans... real life-like images of real people... starting from an almost infinite source images of the human figure...

Whether you're trying to liven up catalogues... create life-like presentations or storyboards... creating your people characters in Poser then export them to PhotoShop, Painter or StrataVision to put your newly drawn character on stage... and don't worry if you can't draw...

...Poser takes the difficulty out of building and shaping the human form... helping you to keep proportions right... all the life-like rendering from bearded stubble... flesh for a baby's bottom... hair... hands.

Poser... is fast becoming the most essential picture tool since PhotoShop itself... after all real people make your catalogues and products look real...

**£79.00**  
ONLY

### THE BLACK BOX ALIEN SKIN SOFTWARE



6 Filters that enable you to control, not just your selection, but the perimeter and the area just outside it...

- DROP SHADOW** - make objects look like they float. X control moves shadow right, Y for up/down - Decrease Opacity to make a shadow more subtle.

- GLOW** - makes a radiating glow appear around any object, alter Width, Drop-Off and Opacity. Black glows help objects stand out from light backdrop - inverted glows simulate spray stencils



The "Glow" Function The "Emboss" Function

- EMBOSS** - create 3D by putting slanted bevel around the edge... choose Round, Flat or Mesa bevel... control height, width and melt the Drop-Off. Invert your emboss - push it into the image. Control the full Brightness of the reflection from the 3D surface

- GLASS** - put a 3D layer of glass on top of a 2D image. Control bevel, reflection, refraction - the most striking effect, head-on refraction only occurs on bevel edges... Opacity. Glass Colour.

- SWIRL** - smear your image along artificial fluid streamlines. Whirlpools flow in, Fountains out. Wide flows simulate brushstrokes, fuel your Swirls with colour from

- HSB NOISE** - the Hue Saturation Brightness Filter for endless colour effects.

*"I love it! This product is in the must-have category if you use Adobe Photoshop"*

FLASH MAY '94

**£99.00**  
ONLY

### GALLERY EFFECTS VOLUMES 1,2 AND 3



**VOLUME 1:** Chalk and Charcoal, Charcoal, Chrome, Craquelure, Dark Strokes, Dry Brush, Ripple, Emboss, Film Grain, Fresco, Graphic Pen, Mosaic, Poster Edges, Smudge Stick, Spatter, Watercolour

**VOLUME 2:** Accented edges, Angled Strokes, Bas Relief, Coloured Pencil, Diffuse Glow, Glowing Edges, Grain, Note. Paper, Palette Knife, Patchwork, Photocopy, Rough Pastels, Sprayed Strokes, Texturizer, Underpainting, Stamp.

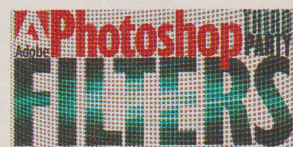
**VOLUME 3:** Conte Crayon, CrossHatch, Cutout, Glass, Halftone Screen, Ink Outlines, Neon Glow, Paint Daubs, Plaster, Plastic Wraps, Reticulation, Sponge, Stained Glass, Sumi-e, Torn Edges, Water Paper

**£269.00**  
ALL 3 VOLUMES  
Vol 1 £99  
Vol 2 £99  
Vol 3 £99

### ANDROMEDA FILTERS SERIES 1,2 AND 3



**SERIES 1:** Optical Lens Effects - choose from 100+ effects - Velocity creates motion trails - Star adds sparks and glints - Reflection... Designs Mezzo to create line from greyscale. Halo. Diffract. Prism.



A course Grid "Mezzo" Function applied

**SERIES 2:** 3D Filter creates realistic 3D pictures from within Photoshop - it has 3 distinct roles • create the scene - choose a surface or shape, you can take the active photo in Photoshop, wrap it onto the surface, whatever its shape. Add backgrounds, colour surfaces, change the shape. • illuminate the scene - take the point light, vary its position, intensity and hot spot - use ambient room lighting to add depth, soften - create unnatural effects, differing light to surface and object • shoot the scene - place camera anywhere, choose zoom lens, change focal length

**SERIES 3:** converts greyscale scans up to 400dpi into regular or random line or dot patterns. Used for creative effects. Waves, spoke, circles, ellipses... Mezzograms, Mezzotints, Mezzoblends... or Stochastic screening, directly from within Photoshop. - to enhance any greyscale printed output. "Stochastic screening revolutionises the results we get on all our photographs" Seaforth Gazette.

**ALL 3 VOLUMES**  
**£189.00**  
Ser1 £69  
Ser2 £69  
Ser3 £69

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# 3 ARTWORK ESSENTIALS .... from RayDream, the graphics leader!



## RAY DREAM DESIGNER 3.0

Ever dream of lifting your illustration to another dimension, effortlessly? Imagine instant mastery over light. Razorsharp reflections, coloured gels, surfaces from polished glass to hammered metal. Imagine creating scenes in 3D - placing objects, setting light sources, trying adventurous camera angles. Now imagine having all these abilities at your fingertips. Without specialised hardware or intensive training. Simply by extending your current skills in graphic design and illustration.

### RAY DREAM - THE SIMPLE START

You already know everything you need to begin working with Ray Dream Designer. Just type with any PostScript compatible or TrueType™ font.

Or sketch with our familiar drawing tools. Let the Modeling Wizards assist with the creation of your 3D object. Or start with 3D clip art from our selection.

For professional polish, select from our library of textures to create realistic surfaces - marble, wood, glass, metal. You can even use imported files or scanned images. And you don't have to wait forever to see your dreams come true. You get instant feedback in the form of a fully coloured preview.

### CREATE YOUR OWN WORLD

Just like a photographer, assemble objects any way you want in your own virtual studio. Position any number of lights - you control the colour, brightness, beam shape, shadow softness. Place the camera, even preview the scene through the lens.

Now click the shutter and the real magic begins! Your illustration springs to life as Ray Dream Designer produces extraordinary high-quality illustrations.

£219 MAC ONLY



## instant 3D for type & graphics

Are you looking for an easy way to make your ideas take off? You need addDepth from Ray Dream. Whether you produce memos, presentations, illustrations, or reports, addDepth lets you add the powerful impact of three-dimensional depth and perspective to your type and line art.

- instant depth and perspective for line art and your favourite fonts
- import and export to your Macintosh drawing software
- lighting and highlights for dramatic effects
- complete control over perspective

You use the same type and drawing tools you know from your favorite Mac programs, so using addDepth is completely intuitive. Just start typing with any PostScript™ compatible or TrueType™ font. You even have control over typographic refinements like tracking and kerning. And addDepth includes standard Mac drawing tools. There's no time wasted switching between drawing and 3D programs. Simple, dramatic and superbly effective!

£89 MAC ONLY



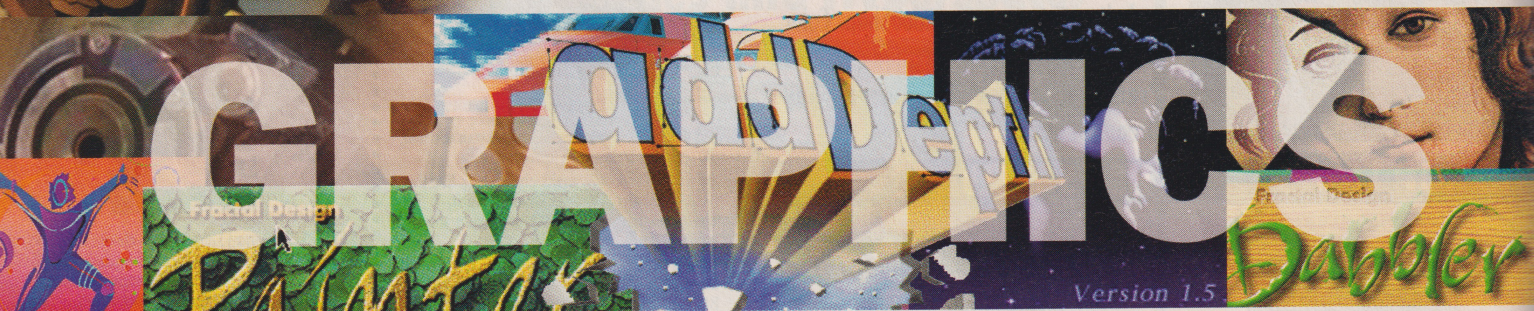
## ... jaggies are Gone!

Jaggies do absolutely nothing for your image. But then, you haven't had a whole lot of options - other than put up with them or push them around, pixel-by-pixel, hour-by-hour. It's enough to make you a bit edgy. But now there's JAG II - a revolutionary software utility that does for images what Adobe Type Manager™ does for type - a program that automatically removes the stair-stepped edges from your artwork.

### Black & White & Colour, Too

The award winning technology in original JAG, known as anti-aliasing, set the standard for smoothing colour images for print or display. JAG II's new resolution boosting technology also smoothes the jaggies in black & white artwork. Whether you're working with black & white clip art, photographic scans, or multi-megabyte multimedia projects, JAG II is the fastest and smoothest way to enhance images on the Macintosh™. Your images and animations can be pixel-perfectly smooth.

£89 MAC ONLY



# Live Picture

...create & manipulate huge images instantly .. no waiting!

### WHY IS LIVE PICTURE SO FAST

When you manipulate images in Live Picture, you are altering what you see on the screen - not affecting the original images - and creating a mathematical representation of yourself. As you manipulate images, no matter how large or complex, Live Picture simply represents every change you make - down to the smallest detail, and saves them as a set of mathematical field equations called a FITS file.

FITS is based on the premise that your computer should be processing only the data you wish to alter and not waste time in processing the data you intend to leave alone. The time consuming calculations required to generate a high resolution final output files should be performed, on another computer, or at a different time. This will help you streamline your production process.

### WHY IS SCREEN DRAW SO FAST?

Live Picture rasterizes only as much data to screen as your monitor can display. Thus, the time to process changes is dependent on the size and resolution of the display window and not on the size of

the file. With conventional image editing you will wait while the computer changes every pixel on the screen after editing. Live Picture performs no calculations until the full action is completed, and because this action is recorded mathematically, it doesn't bother with the intermediary calculations.

However Live Picture is not a proxy-based system. Each time you view an image in Live Picture you are seeing the actual file data at any level of zoom you desire. Try zooming in with a proxy and you'll soon run into a wall of pixels, a result of the proxy's low resolution nature. But with Live Picture you can perform edits using the full resolution of the image.

### WHY IS THE IMAGE DEFINITION IN LIVE PICTURE SO GOOD?

Everything you do is resolution independent. You can zoom to the edge of brush stroke infinitely and never find a pixel. As a result, it is possible to generate any effect created within Live Picture at any size and resolution without sacrificing quality. That leaves you free to output at any size from a postcard to a billboard. You are limited only by the quality and resolution of your original images.

### WHY IS LIVE PICTURE SO FLEXIBLE?

Everything in a Live Picture FITS file can be changed at any time. Any work you've done, whether it be the brush stroke you applied two minutes ago or the background image you inserted two weeks ago, can be modified or replaced at any time. You have selective undo capacity which allows for completely flexible editing. All changes can be looked at individually, isolated and reviewed. You no longer need to save multiple copies of your work. With Live Picture you save only the mathematical FITS file, which amounts to no more than a few megabytes.

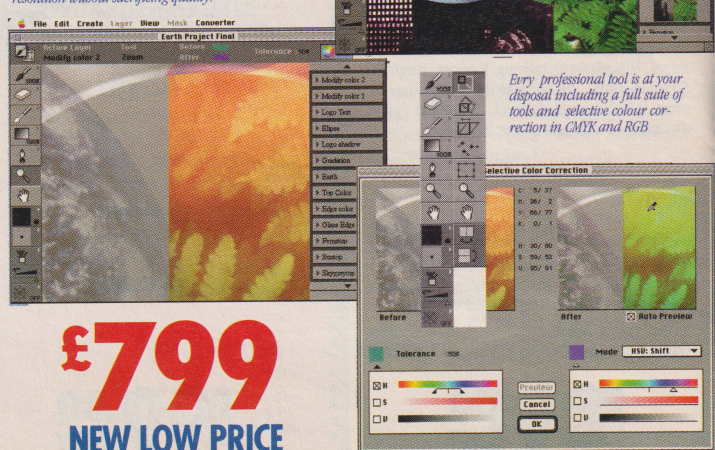
### HOW DOES LIVE PICTURE ACHIEVE SUCH HIGH QUALITY OUTPUT

Live Picture calculates in 48 bit color. This gives you higher quality output with greater highlight and shadow detail, fewer artifacts and much less chance of color banding. It also improves your color separations and conversions. With other imaging systems the RGB space is 24 bit which means that converting to 32 bit CMYK data has to be invented and loss is introduced.



When you manipulate images in Live Picture, you are altering what you see on the screen - not affecting the original images, consequently you can manipulate high images instantly

You can zoom to the edge of brush stroke infinitely and never find a pixel. As a result, it is possible to generate any effect created within Live Picture at any size and resolution without sacrificing quality.



£799  
NEW LOW PRICE



**FRactal Design**

... graphics solutions!



**Painter 3.0** is the Mac artist's favourite tool, turning your mouse or the pen of your graphics tablet into a coloured pencil, crayon, calligraphy pen, air brush and a variety of brushes for oils and water colours. Choose between different paper textures and surfaces.

**Painter X2** to gives Painter 2 users multiple floating selections and you have the best electronic painting medium available today!

**Dabbler** is the full art school studio inside your Mac. Choose from a host of traditional tools and textures to create professional print graphics while you learn. Comes with a full tutorial.

**Painter 3.0** £269

**Painter X2** £89

**Dabbler** £99

**Dabbler & Art Pad** £199

**Dabbler & Art Pad** £199

**Dabbler & Art Pad** £169



# DIGITISING PADS

From

# WACOM

Wacom digitising tablets give designers a pen-like interface to the Macintosh. Designers choose Wacom for its intuitive feel, its 1,270 points per inch accuracy and its choice of different pens for different applications. Pressure sensitive pens are ideal for painting, the harder you press the thicker the line or the denser the spray. Click pens are ideal for Bezier drawing programs like Illustrator or FreeHand. Each click makes a point. Stroke pens are used for conventional tracing. In three popular sizes A5, A4 and A3. A3 comes in 3 models: Plain, plastic menu flap (lets you lay artwork underneath the surface), electro-static (uses magnetic forces to hold copy in place).

## WACOM TABLET OPTIONS

A3 Cordless Tablet (Mac)UD1218	£569
A4 Cordless Tablet (Mac)UD1212	£399
A5 ADB Cordless Tablet (Mac)UD0608	£269
Wacom Art Pad	£129
Cordless puck	£99
UD Ball Pen Pressure Stylus	£99
UD Pressure Sensitive Stylus	£89

# DE-BABELIZER

THE GRAPHICS PROCESSOR TOOLBOX

**DE-BABELIZER**  
THE EASY TO USE GRAPHICS TRANSLATOR

*Lite*

- Translates 55 Cross Platform
- Supports Photoshop™ Acquire
- Translates Individual Images or



DeBabelizer is a uniquely powerful and versatile program that 1- millions of professional bit-mapped images over the last four years. Thousands of multimedia service bureaus, desktop publishers, graphics and video professionals have already found DeBabelizer to be an invaluable tool thanks to its ability to batch process animation files and QuickTime movies across platforms. Finally, there's a software program that actually will save time, effort, and money by offering complete automated graphics processing and translation in one. It cuts through the confusion of having to deal with multiple graphics file formats providing the ability to maintain colour integrity while reading, manipulating, editing, and saving graphics across formats, bit depths, and platforms. DeBabelizer makes it easy to automate the most difficult graphics translation tasks.

**Special Features - Script Creation:** easy internal scripting of menu functions and dialogs. **Batch Processing:** automatically open, process to specifications, and save a series of images. **Catalog:** automatically place a series of images onto individual pages. **Photoshop** and 3rd party Acquire, Filter, and Export plug-ins supported. **Slideshow:**

open a series of images, display for a set time, and continue. **Compare:** reports and displays differences between images or a series of images. **Picture organization:** puts all graphics icons into separate folders creating a directory of images. **AppleScript:** fully supported.

£69

DE-BABELIZER LITE

£229

DE-BABELIZER FULL

£129  
FROM ONLY



PC AND MAC

## ... De-Babelizer Lite

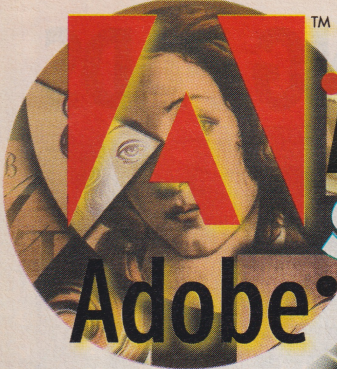
Provides an easy to use one stop graphics translation solution for bit-map graphics, scans and paint files. You no longer have to worry about using graphics produced by co-workers or friends because you have the power to translate simply and accurately.

- Translates 55 Cross platform bit map graphics formats
- Supports Photoshop acquire, filter and plug-ins
- Translate individual images or folders of images with ease

CALL 0171 383 2727 FOR ALL THE BEST GRAPHICS ADVICE







# ILLUSTRATOR SHOWCASE 5.5

Adobe

## VECTOR EFFECTS NEW

**MAC ONLY** UNLEASH THE POWER WITHIN FREEHAND AND ILLUSTRATOR  
12 GREAT PLUG-INS FOR JUST £199... PLUS ONE FREE

We think you'll agree with MacroMedia and Adobe, when they say, "Don't use FreeHand or Illustrator without Vector Effects!" "This is impossible!" That's what leading digital imaging professionals said after seeing Vector Effects for the first time. "Now every designer has the power to create imaging that can take years to master..."

...not just a series of Plug-Ins, but a complete imaging engine... from KPT's Kai Krause

KPT SHATTERBOX will create phenomenal shatterings of your artwork... break it like a windshield... or smash it... 3DTRANSFORM avoids the need to quit your 2D program... control over light source and colour, perspective levelling... surface effects...and .... Warp Frame • Vector Distort • ShadowLand • Color Tweak • Point Edit • Emboss • Flare • Neon • Sketch • Inset Path... PLUS BONUS Precision Extension • .... KPT Resize&Reposition... FREE



The leading illustration and page design tool  
**Adobe Illustrator 5.5**

## ADOBE ILLUSTRATOR 5.5

No 1 drawing program... from Adobe...the No 1 graphics developer... uses Display PostScript...

Take Technical Drawing .... once a black art of set squares, angles, cosines and curves. At one end of the market the CAD-driven technical drawing programs... Canvas, MiniCAD - are precision drafting programs that bring the set square right onto your screen - dialog boxes, measure everything ... dialog boxes for breakfast ... dialog boxes for lunch ... eventually dialog boxes to drive you nuts.

Freehand, Illustrator and Cricket Draw borrow much of the science of CAD. Illustrator, from the inventors of PostScript - Adobe Systems - combines the need for technical drawing, graphic illustration and professional level Typography.

Because Illustrator is designed for applications that use the PostScript imaging model for output, Illustrator uses Display PostScript - that is PostScript on the screen - for maximum display accuracy.

**£289**  
NOW ONLY



## DIMENSIONS 2.0 .... from 2D to full 3D in seconds!

You need a 3D mock-up of a new product ... turn your logo into 3D to zip up your newsletter ... all quite possible.

In Illustrator .... you'll need to laboriously stitch element to element ... work out graduated blends to shade each object ... get the depth effect ... or you spend a bundle and buy a specialist 3D rendering package Pixar Typestry for Type .... StrataStudio Pro for objects .... hours of learning a new program....

Dimensions from Adobe acts as an add-in to Illustrator - no re-learning, you just add 3D skills to all you've learnt in mastering Illustrator itself.

Turn Type into 3D - 5 seconds later you have a result - render - malleable 3D Type - right within the familiar Illustrator drawing environment - PostScript quality - at Pixar Typestry pricing ... and then some.

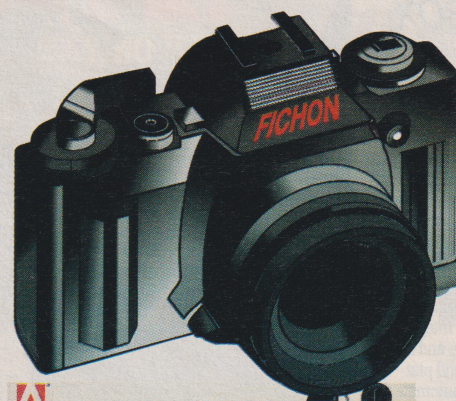
### So many practical uses

Creating real life products, pack shots ... use Dimensions to create the rim on a beer can - bore out the lens on a camera - bevel the edge of a table top.

Take a product sticker you've created in 2D - stick it on a cylinder, a jar, the side of a building - let Dimensions automatically sort the perspective out for you.

### Build on your existing skills

Because Dimensions builds on your existing Illustrator skills, you can get great 3D result quickly.... and because you've got the quality of PostScript behind you, you'll always output to the maximum quality of your imagesetter, slide maker ... and because learning 3D tricks make your images look that bit more interesting ... you'll soon see the results ... and how! Don't wait call us now on 0171 383 2727.



Produce real life product that sells the features better than photographs.

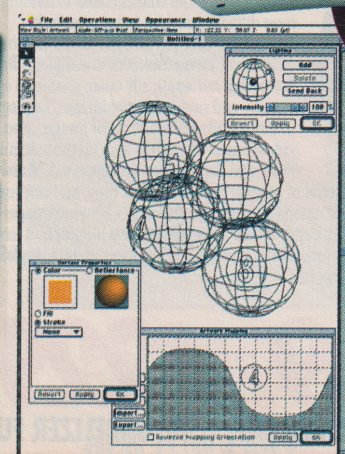


Simply create your artwork direct on screen, using your Illustrator skills in three dimensions. Point and click and you've got real depth, colour and impact in your image.



The easy way to add 3D effects to your artwork

**Adobe Dimensions 2.0**



Real life images, spoofs from screen dumps, adaptations of existing work. Publishing or video, presentations or reports, convert your images to 3D and get your message across as if your client was watching the TV.



**£109**  
NOW ONLY



CALL CAMELOT ON **0171 383 2727**



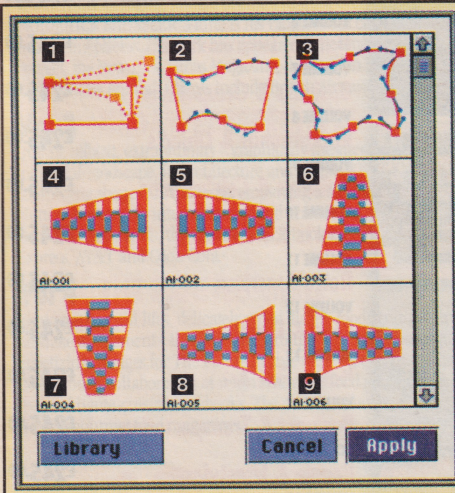
# LETRASTUDIO® Envelopes™ FOR ADOBE ILLUSTRATOR™

The developers of the award-winning LetraStudio present the ultimate plug-in for Adobe Illustrator. Envelopes brings real perspectives and stunning transformations to graphics and text alike. Working from within Adobe Illustrator, you select any graphics or Type 1 text (converting text to outline form), then choose the Envelopes plug-in. The easy-to-use Envelopes Browser window presents you with a library of 40 pre-formed transformations - each icon gives accurately pre-formed envelopes. an instant preview of its effect.

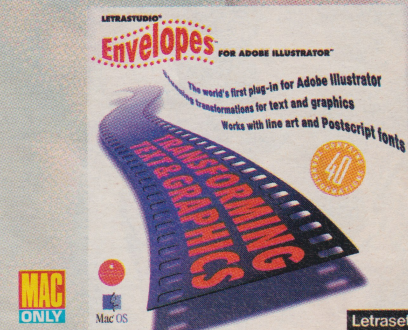
The easy-to-use Envelopes Browser window presents you with a library of 40 pre-formed transformations - each icon gives accurately pre-formed envelopes. an instant preview of its effect. Click Apply, and your transformed artwork appears in the Envelopes window. Now you can carry on in Illustrator, or adjust the distortion precisely using Bezier controls. - You can even create brand new of your own, and save them for future use. it's as easy as that.

## LETRASTUDIO ENVELOPES

... the essential design plug-in  
companion to Adobe Illustrator



### 200 FANTASTIC EFFECTS .. AND MORE



Envelopes is a plug-in module for Adobe Illustrator which opens up amazing possibilities for transforming text and graphics. Using the supplied distortion envelopes, you can achieve in seconds what would otherwise have taken whole hours of work. You can instantly show objects in perspective views, receding into the distance or bursting out of the picture; or ripple and wave them like flags; or apply objects to accurate isometric curves. You can go further, using Bezier

controls - like Illustrator's - to create 9 your own envelope transformations from scratch or modifying supplied envelopes to your own needs. Then save them in a library, & apply them to other objects at any time during the design process.

#### ADD-ON LIBRARIES INCLUDED

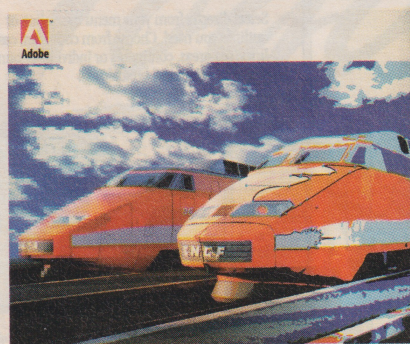
The library that ships with Envelopes is just a starter—there are four more library packs to amaze you, each with 40 accurate, pre-formed transformations - now included within the pack...200 envelopes in one pack....

NOW ONLY **£149**

...Envelopes will quickly find its place as an essential addition to the arsenal of every Illustrator user.

MacUser September 1994

## STREAMLINE 3.0 .. instant art from raw scans!



The tool that instantly converts images into line art

Adobe Streamline 3.0

NOW ONLY **£109**

Create a logo, copy a logo, modify a technical drawing, construct a diagram. Illustrator, gives you the tools you need. First scan a template - either a rough drawing, existing artwork - then draw over the top.

Streamline goes one stage further - take the existing drawing - scan it - then auto-trace - using the computer to convert a scan full of dots to a drawing constructed of lines, tangents, curves and fills. And that's the way all of us should be working, saving hours of retouching - getting the computer to do the work.

But why draw at all? Why not simply scan your logo, retouch it, patch it up with a bit of drawing here - a bit of paint to fill in there. And that's all there is to it.

#### THE TROUBLE WITH SCANNING

Scanning creates pixels; a 300 dot per inch scanner creates 90,000 computer addressable dots per square inch, 600 dot gives you 360,000 positions per square inch and 1,000 dot, one million.

A sheet of A4 looks like a matrix of dots or pixels to your scanner. At 1,000 dots per inch, your matrix has 96 million positions, all of which are scanned and their values calculated. This matrix is called a bitmap - literally a map of each bit that your scanner addresses.

For photos, there's no way round - the bitmaps take up megabytes per image - a full A4 can take up to 40 megabytes of disk store at 1,000 dots. No wonder re-scaling bitmaps seems to take forever.

#### HOW STREAMLINE WORKS - 8 SIMPLE STEPS.....



##### 1 SCAN YOUR IMAGE

First scan a rough or existing artwork - then draw over the top. Streamline goes one stage further - take the existing drawing - scan it - then auto-trace - using the computer to convert a scan full of dots to a drawing constructed of lines, tangents, curves and fills. And that's the way all of us should be working, saving hours of repetitive retouching - getting the computer to do the work.

##### 2 THE TROUBLE WITH SCANNING

Scanning creates pixels; a 300 dot per inch scanner creates 90,000 computer addressable dots per square inch, 600 dot gives you 360,000 positions per square inch and 1,000 dot, one million. Streamline reduces this vast data mountain to manageable proportions with substantial quality improvement to boot.



##### 3 MORE TROUBLE WITH SCANNING

A dot can be one of 256 shades of grey or one of 16.9 million colours. A sheet of A4 is like a matrix of dots or pixels to your scanner - at 1,000 dots per inch, your matrix or 'bit map' has 96 million positions, all - are scanned and their values calculated. This 'bit-map' can take up to 50Mb of space. Inefficient to process, hard to manipulate and expensive to store on any media. Streamline eliminates this problem.



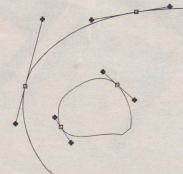
##### 4 SOLVE THE PROBLEM

Streamline converts your image to PostScript. 96 million positions, 50Mb of data, become 1,000 PostScript points and just 120K of data. Scale your image without loss of quality, print in a fraction of the time and pay back your investment in Streamline in hard disk space saving alone.



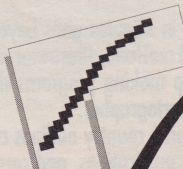
##### 5 BENEFIT FROM AUTO-TRACE

Auto-trace converts scans to points, curves to curve points, lines to standard PostScript points and corners to corner points. Illustrator and Freehand offer you auto-tracing ... but don't in reality. Only Streamline minimises the number of PostScript points required; recognises tangents and curves; and differentiates thick lines from fills. Streamline auto-traces PostScript to your own demanding standard.



##### 6 SIMPLIFY & CONTROL DRAWING

Instead of 96 million direct pixels on A4 full of PostScript drawing - it is intelligent, addressable and easy to work with. Retouch your drawing. Simply click on it line by line or point by point - alter them individually, group them, move them together, duplicate, step and repeat.



##### 7 INSTANT IMAGE IMPROVEMENT

One tangent point can describe any curve between two points. This way even a wavy line can be described by 20 points as opposed to the 100,000 pixels in your bit map. Scaling or changing thickness of the line takes fractions of a second. Point and click for full PostScript Colour - no messing with pixels.



##### 8 A SILK PURSE FROM A SOW'S EAR

Avoid jagged, sawtooth output! Point and click for PostScript quality output, scalability, low storage, efficient processing ... reverse image, cut-out, trap, choke, spread ... no wonder PostScript and Adobe are at the heart of today's graphic revolution.

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## PhotoDisc - Royalty Free Digital Stock Photography

Choose from thousands of top quality images arranged by theme on CD-ROM for your Macintosh. For a fraction of the cost of one traditional stock image, each Photodisc collection gives you hundreds of quality images. All images come in two standards, basic quality for on-screen presentation and high resolution, 24-bit colour for full CMYK separation or greyscale output



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## MAPS IN MINUTES

.... produce instant high quality maps

FROM ONLY **£79**

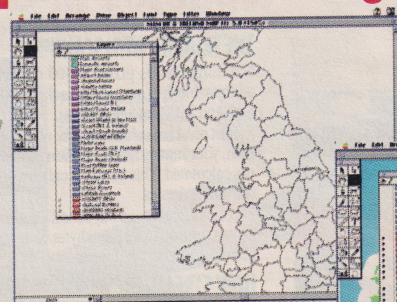


Drag and drop, point and click Maps in Minutes goes beyond conventional clip art by transforming FreeHand, Illustrator and Canvas!~into professional quality map making programs that turn any graphic artist into an expert cartographer.

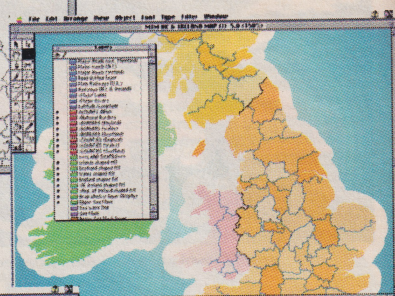
Laying topography, colour and detail onto country outlines creates stunning maps for presentations, publications, and corporate support material.

Maps in Minutes is aimed at the professional user who needs something more than clip art, and has the skill to create detail layers to overlay on the most comprehensive mapping material available in the public domain. Non graphic and corporate users will soon master the art of map making.

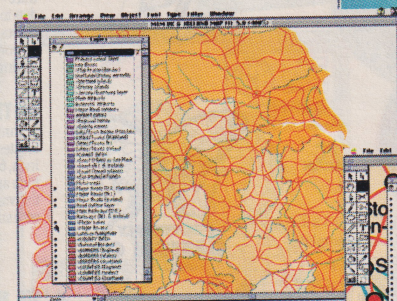
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UK & Eire (FREEHAND)	£79.00
All three Vols (ILLUSTRATOR OR FREEHAND)	£165.00



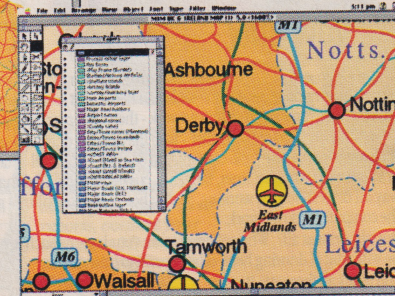
Colour each map to the level of detail you require either from the set palette or to your own specification. Point and click, colour by country, topographical type (ie roads and rivers etc)



Select directly from your menu the outline or outlines you need. Choose from countries, cast-lines, sea areas, continents or individual countries or geographical breakdowns



Zoom in to incredible detail from the set layers within the Maps themselves, select and isolate specific map areas and expand the detail to suit your own custom applications or presentations.



Add and delete roads, rivers, lakes, train lines, junctions and all forms of map data from pre set layers and menus, or simply add your own custom map features and items.



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The Signature Series transcends the boundaries of traditional stock. It features top-of-the-line photographs, thematically arranged to convey your mood, theme or message. The PhotoDisc Signature Series features stunning portfolio's from the world's most renowned stock and commercial photographers. Each Signature Series disc contains approximately 100 images that sets new standards for excellence. All images are drum-scanned and color balanced assuring print-ready images that save you time as well as money.

## Vol 1 COLOURS

Images that flood the senses with bold, super saturated color of eye-riveting intensity - the unmistakable style of HANS WIESENHOFER. A resident of Austria, Wiesenhofer has been featured in widely acclaimed exhibitions throughout Europe, Japan, and America. His work has been published in various magazines and featured in numerous books, including several published by Time-Life for their Library of Nations Series.

## Vol 2 CHILDREN OF THE WORLD

Wonderfully engaging images of children from every nationality and background. FREDERICK SHUSSLER's forte is his rapport with children and it shows in his entrancing photos. His work has appeared in dozens of top magazines including Der Spiegel, the New York Times Magazine, the London Observer and Communication Arts Photography Annual. Clients include British Airways, NBC and BMW.

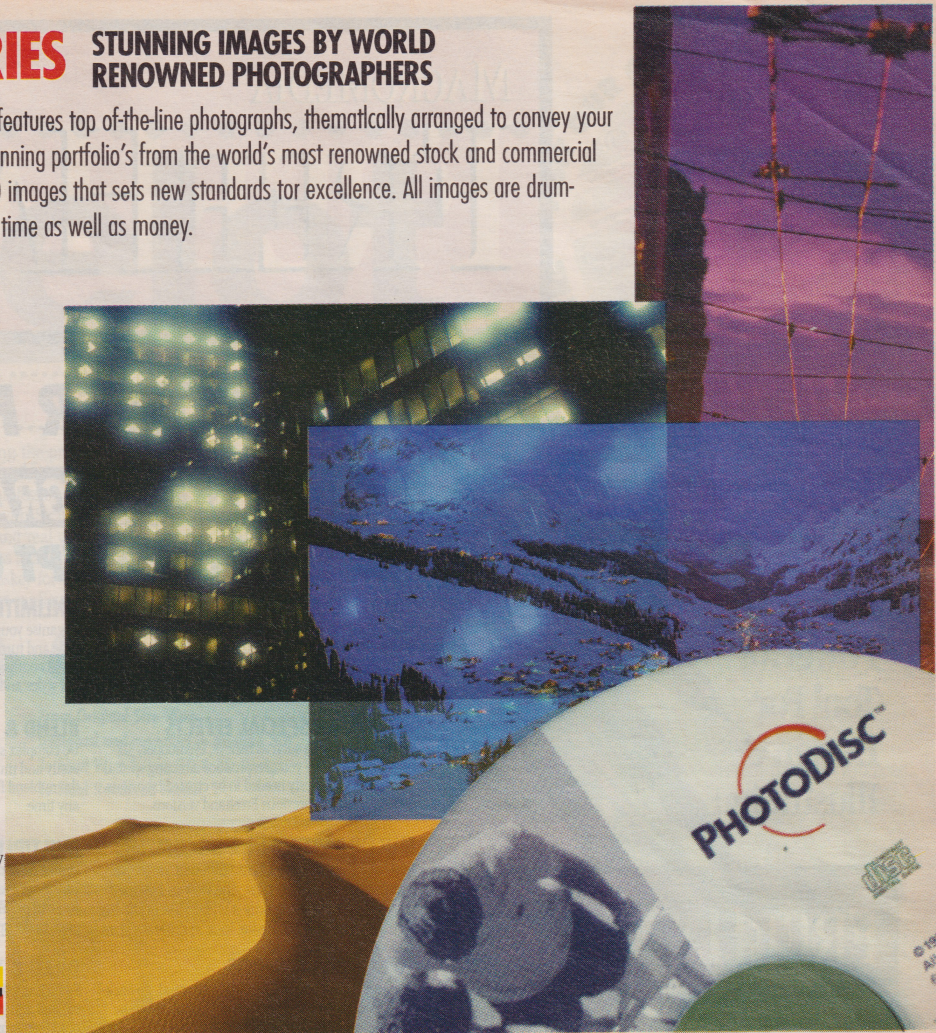
## Vol 3 URBAN PERSPECTIVES

Quirky, offbeat, extraordinary - graphically mesmerizing views of the urban and industrial landscape, its architecture and people. KENT KNUDSON is a master at using compelling shapes and patterns, employing a strong sense of design to transform the clutter of urban life into intriguing and dramatic statements. His work has appeared in Communication Arts, the Creative Black Book and his clients include American Express, AT&T and Coca-Cola.

## Vol 4 THE PAINTED TABLE

Photographic still lifes, delicately styled dishes, food arrangements that evoke a mood or make a statement - this is cuisine brought to an art form, equally aesthetic as it is appetizing. Images for The Painted Table were selected from The Culinary Academy Collection, a collaboration of world renowned food photographers and a leading publisher of haute-cuisine cookbooks. The photographers' work appears regularly in many leading gourmet food magazines.

FROM ONLY **£245**  
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# Logo **SUPERPOWER**



# £125

## .... in a simple three step process

EXAMPLE 1

Start by drawing a circle (from the toolbox).

Add Base 86 - Eagle Head. Change it to brown.

Add Effect 41-3, the flag wave. Change it to cyan. Then change its shape slightly.

Put them all together, and you have a world-class logo in a couple of minutes.

EXAMPLE 2

Begin with base 49 - Light Bulb. Fill it with any colour.

Add Effect 66-1. Then change it to white.

Draw a circle to be used as a guideline. Place Effect 66-1 at top edge of circle. Keep placing Effect 66-1 along circle.

Add Effect 66-1 to rest of bulb. Elongate short lines at left to fill bulb. You have a great logo in under 5 minutes.

EXAMPLE 3

This example will include major modifications to each design element. Watch closely. Begin with Base 4 - Pentagon.

Ungroup the Pentagon. Change its shape completely by moving the points.

Open Effect 163-1. Ungroup the effect and change its shape.

Change the effect to white. Then, place it on top of the triangle. Copy the effect and move it several times.

## .... create professional logo's yourself!

### What is Logo SuperPower?

Logo SuperPower is a large graphic database of more than 2000 design elements. You use one or more of the elements to create logos or graphics.

In the logo design process, instead of having to think of a starting point, you go to the Logo SuperPower manual, and look through the 2000+ design elements for one that's appropriate. Then, instead of having to draw it yourself, you simply open the file. Then, you can make any changes you want, and you have a world-class logo design in minutes.

### Which programs do I need with it?

For the PC, Logo SuperPower works in virtually any drawing program, such as Corel Draw, Arts & Letters, FreeHand, Micrografx Designer, Illustrator, Professional Draw, etc.

### How does Logo SuperPower Work?

On the left are several examples so you can see how it helps you create unique, original logos in literally minutes. You will see how step-by-step logo creation done with Logo SuperPower elements

takes the guess work out of logo creation, puts the full visual ideas of the top professionals at your disposal. Logo SuperPower is composed of two types of design elements: Base Objects and Graphic Effects. Each design element can be opened, ungrouped and changed in an infinite number of ways.

Logo SuperPower lets you have all the power of top professional designers at your fingertips.

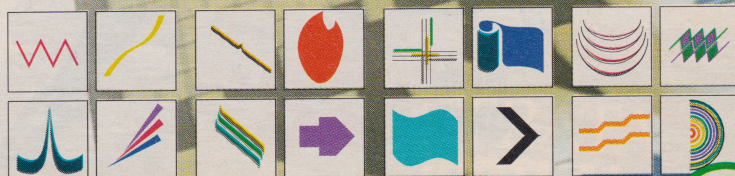
**New companion product:**  
**Instant Logos from LogoPower**



Instant Logos includes over 1,000 ready-to-use logos, which can also be used as design elements with Logo SuperPower. The designs are in two categories: image graphics and global graphics.

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.... a small sample of the 2,000 plus design elements available



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Version

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**5.0**

For Macintosh and Power Macintosh

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Full text control, on screen text entry and the text features of a full blow page-make-up package makes Freehand 5.0 the ultimate publishing tool with all the text, image & graphics features you'll ever need

#### INCREDIBLE SPECIAL EFFECTS

With special effects such as fisheye, eyedropper, 3D rotate and smudge you can produce amazing special effects that previously needed to be created laboriously in Illustrator or previous Freehand versions.

#### MULTIPLE VIEWS IN A DOCUMENT

Edit documents while having different views, for example one close-up view, one view in keyline mode and at the same time a wider view of the big picture to see how your edits look at different sizes.

#### 101 UNDOS & REDOS

Explore creative options, change your mind, go back over old steps and never be afraid to go where your intuition without the fear of mistake.

#### UNLIMITED LAYERS

Organise your document into logical parts, lock and hide and turn off slower layers. Speed re-draw and avoid confusion. Feel free to experiment with different styles and looks.

#### BLEND & AUTO-BLEND

Do complex shading and highlighting quickly and easily and mutate one shape into another and with the re-blend facility you can change these blends at any time.

#### MULTIPLE PAGE SUPPORT

Unlike most other graphics programs, such as Illustrator Freehand 5.0 supports multiple pages and you can produce full documents with graphics and page make up in one program.

#### DRAW & DROP COLOURS & STYLES

Freehand 5.0 provides the unique facility to drag colours and styles direct from the creation palettes onto the items being composed in one mouse move - no need to apply styles/colours from nested menus.

#### USE ILLUSTRATOR PLUG-INS

If you own Illustrator, you can use whatever add-ons they develop right with in FreeHand. By contrast, Illustrator can not use any of the brilliant Freehand add-ons.

#### CALLIGRAPHY PEN

Make natural-looking calligraphy and control angle and size of pen. Use pressure-sensitive tablets to create lines of varying thicknesses for a more natural, realistic artistic effect.

#### EDIT FAST IN PREVIEW MODE

Now you can see the results of edits instantly in minute data. This feature makes Freehand 5.0 a truly WYSIWYG program.

#### MULTIPLE VIEWS IN A DOCUMENT

Gain complete control over trapping and it automates the process. Traps strokes as well as fills, as opposed to Illustrator which throws away the strokes on objects it traps.

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**DISCOVER THE FLEXIBILITY** with dozens of new plug-in tools and palettes. Even use existing Illustrator plug-ins right within FreeHand!

**FEEL THE POWER** of page layout with text style sheets, spelling checker, columns, search & replace, copyfitting, linked text blocks, even multi-page support!

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**FEEL THE PRECISION** of "snap-to" grids, guides, and points—plus magnification of up to 25,600% on a massive 22" x 22" pasteboard!

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